

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
 Data File : BF116462.D
 Acq On : 21 Aug 2019 13:41
 Operator : HP/JU
 Sample : K4421-09 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUNSET-PARK-SB-3-COMP

Manual Integrations
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 8/22/2019 1:57:50 PM

Quant Time: Aug 21 16:45:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	82374	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	338605	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	180510	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	310451	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	240315	20.00	ng	-0.02
87) Perylene-d12	15.42	264	241580	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	85821	17.44	ng	0.00
7) Phenol-d6	6.46	99	133743	21.54	ng	0.00
23) Nitrobenzene-d5	7.37	82	76742	13.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	27119	15.50	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	157799	16.37	ng	-0.02
79) Terphenyl-d14	12.89	244	167797	14.71	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.55	163	24907	2.026	ng	99
52) Acenaphthene	9.86	154	49955	5.262	ng	99
55) Dibenzofuran	10.04	168	45833	3.320	ng	97
58) Fluorene	10.38	166	49383	4.649	ng	99
71) Phenanthrene	11.34	178	477218	30.069	ng	99
72) Anthracene	11.39	178	123599	7.695	ng	98
73) Carbazole	11.56	167	47729	3.275	ng	98
75) Fluoranthene	12.53	202	378073	22.755	ng	99
78) Pyrene	12.76	202	317070	17.503	ng	99
81) Benzo(a)anthracene	13.95	228	144377	9.399	ng	98
83) Chrysene	13.99	228	120361	8.071	ng	97
86) Indeno(1,2,3-cd)pyrene	16.90	276	35162	2.807	ng	97
88) Benzo(b)fluoranthene	15.00	252	128854m	9.225	ng	
89) Benzo(k)fluoranthene	15.03	252	37220m	2.736	ng	
90) Benzo(a)pyrene	15.36	252	87070	6.973	ng	# 95
92) Benzo(g,h,i)perylene	17.34	276	29894	2.816	ng	# 83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

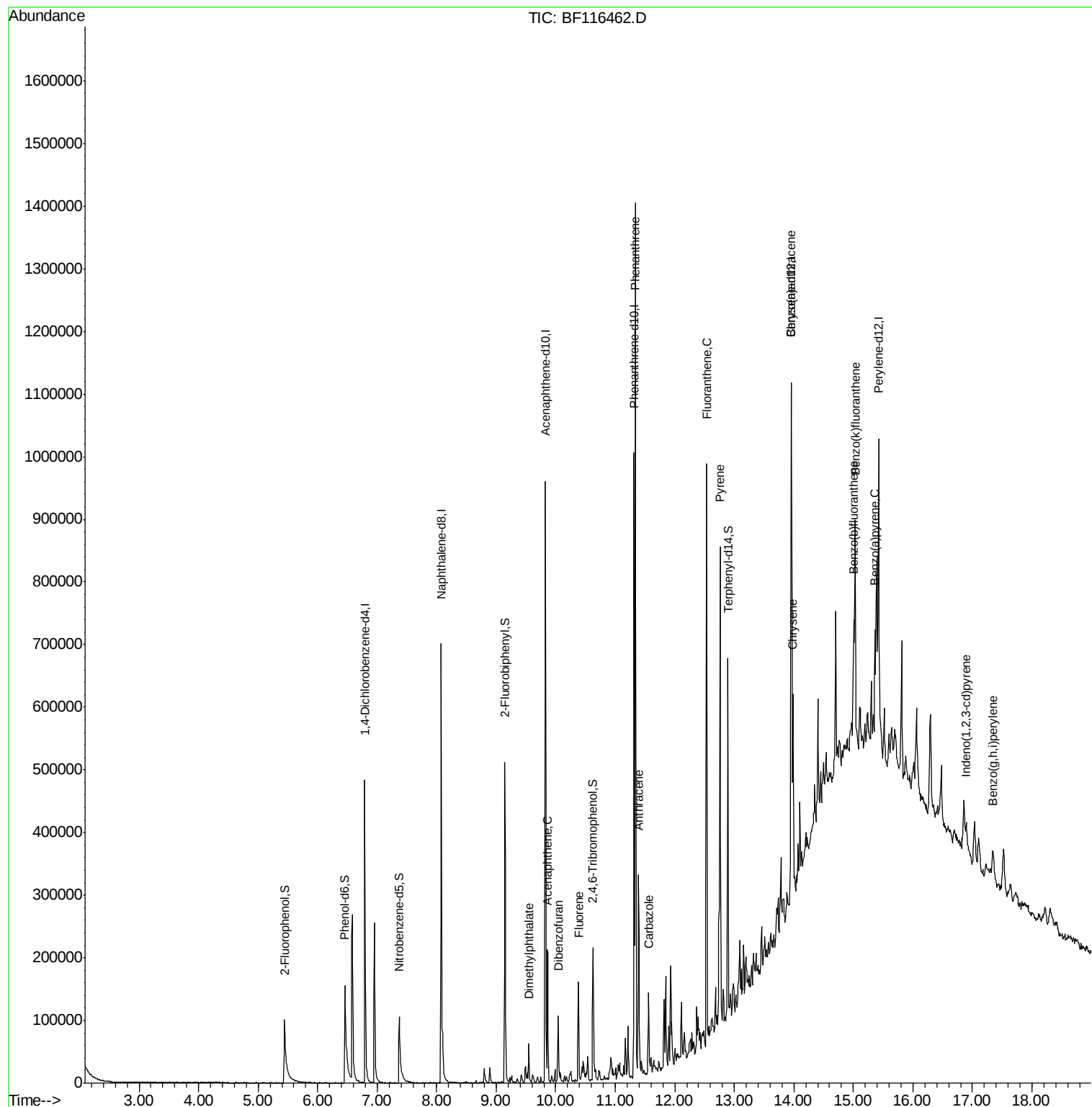
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116462.D
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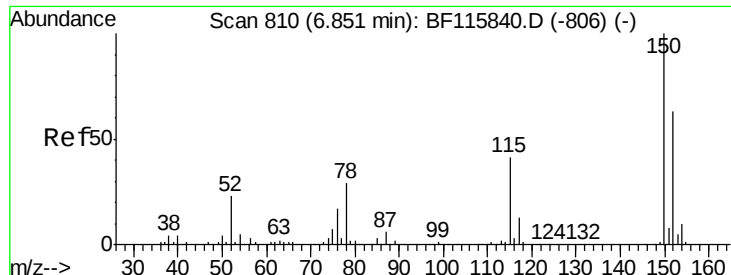
Instrument :
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#1

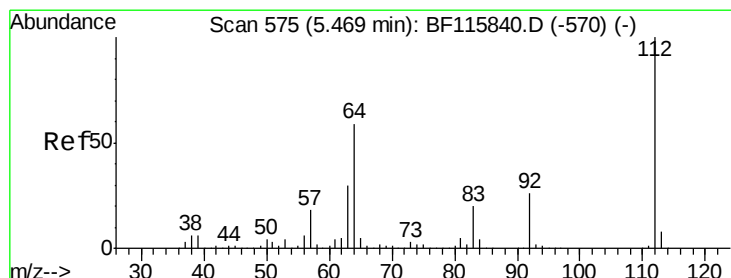
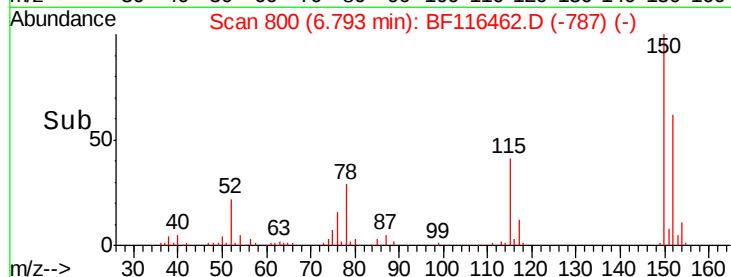
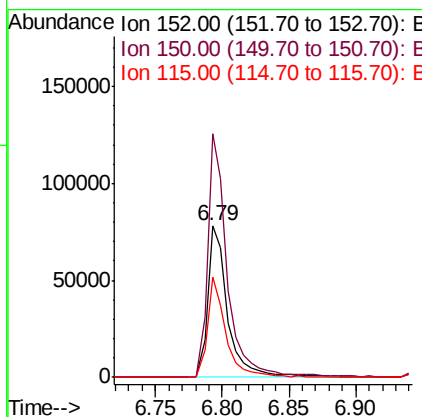
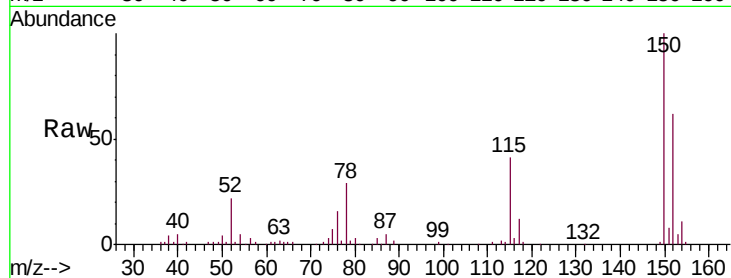
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-3-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	66.4	49.9	74.9

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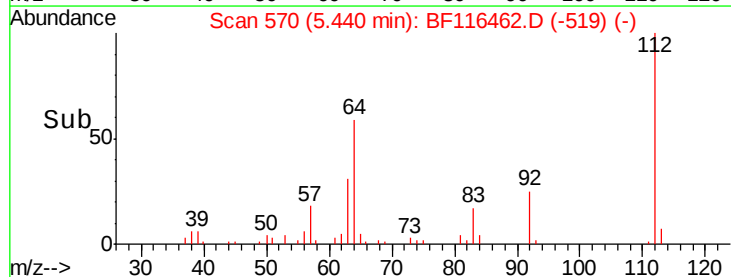
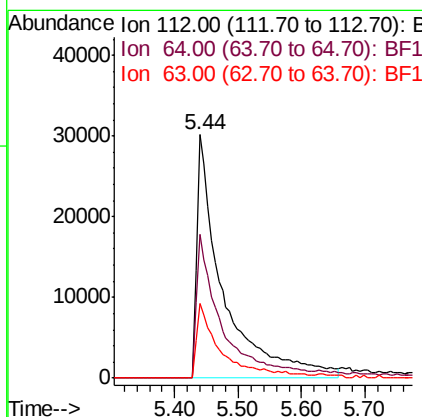
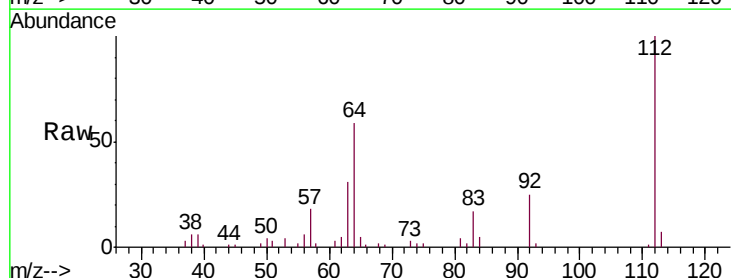
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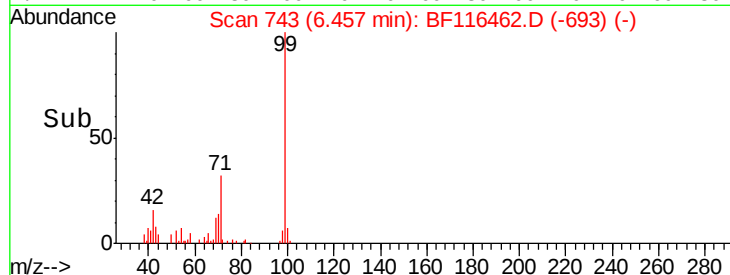
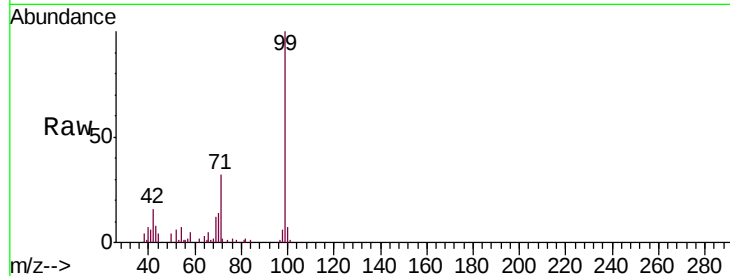


#5

2-Fluorophenol
Concen: 17.441 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	45.4	68.2
63	30.8	23.7	35.5





#7

Phenol-d6

Concen: 21.543 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116462.D

Acq: 21 Aug 2019 13:41

Tot Ion:	99	Resp:	133743
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.8	20.8
71	31.7	27.3	40.9

Instrument :

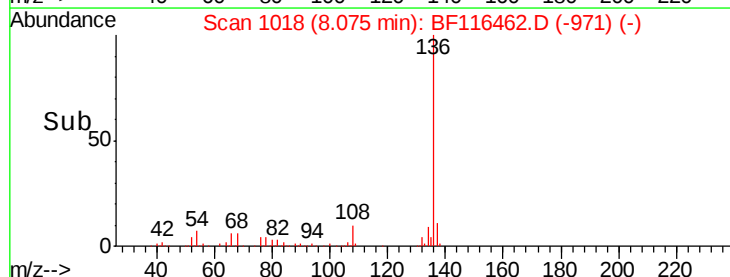
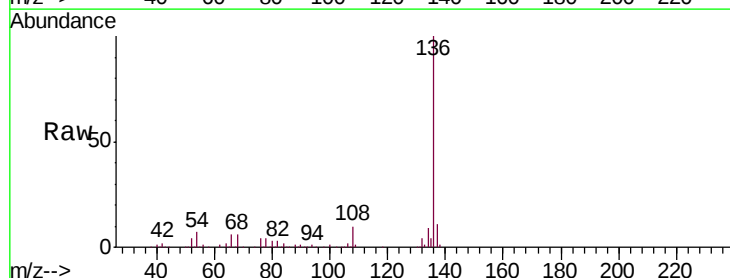
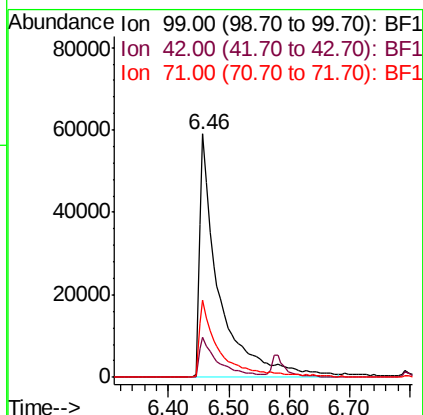
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

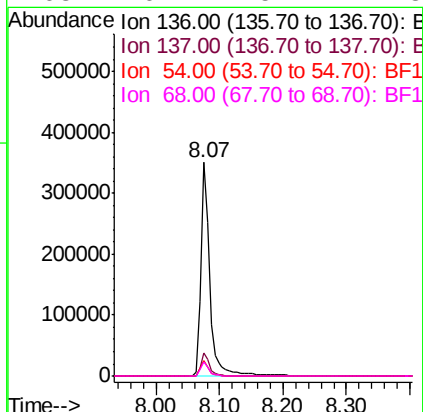
RT: 8.07 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BF116462.D

Acq: 21 Aug 2019 13:41

Tgt Ion:	136	Resp:	338605
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.4
54	7.1	5.8	8.6
68	6.4	5.2	7.8





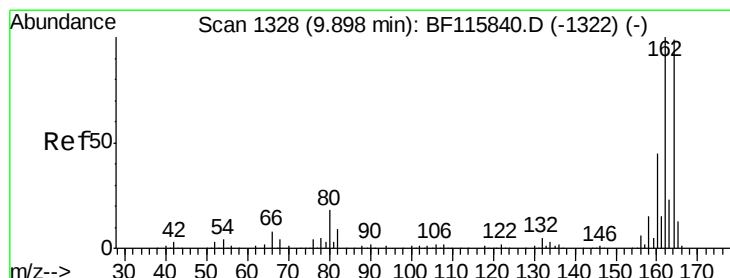
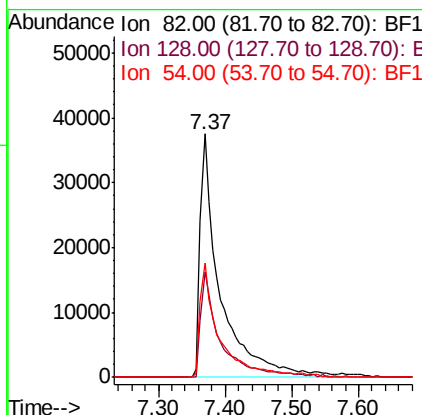
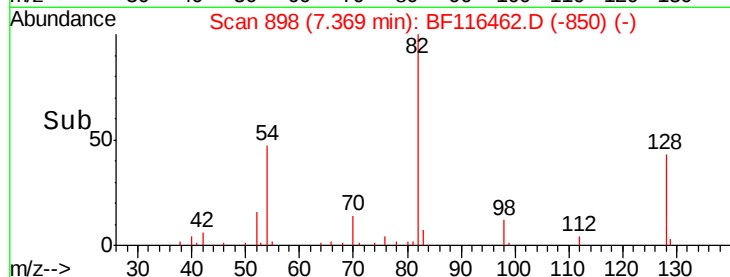
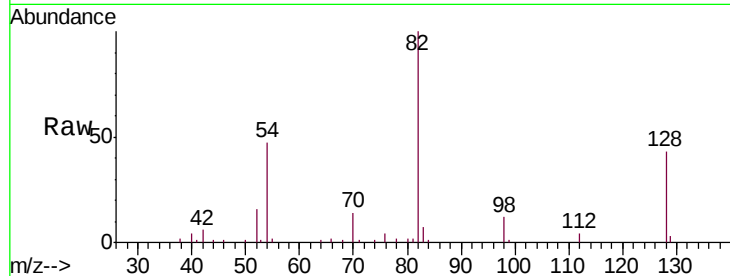
#23
 Nitrobenzene-d5
 Concen: 13.082 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116462.D
 Acq: 21 Aug 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SUNSET-PARK-SB-3-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.5	54.7
54	47.1	36.0	54.0

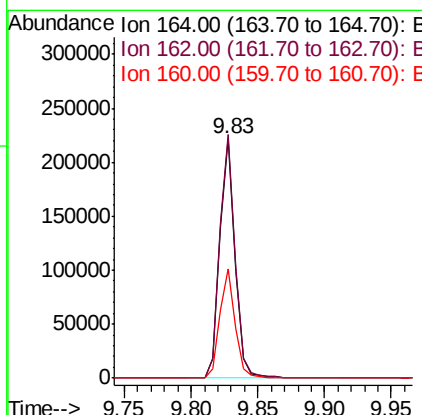
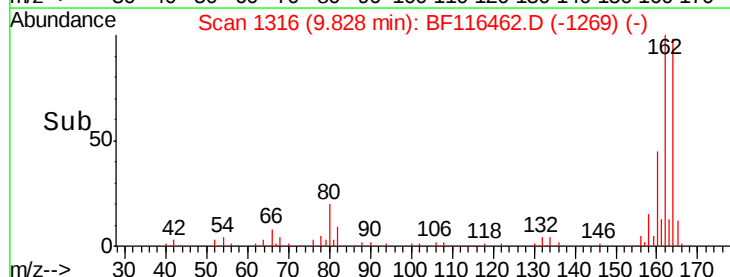
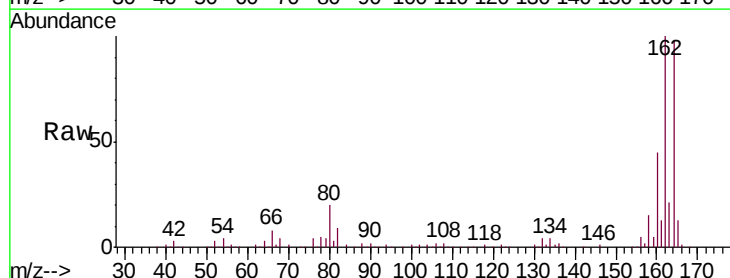
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF116462.D
 Acq: 21 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	124.0
160	45.4	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 15.496 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116462.D

Acq: 21 Aug 2019 13:41

Instrument :

BNA_F

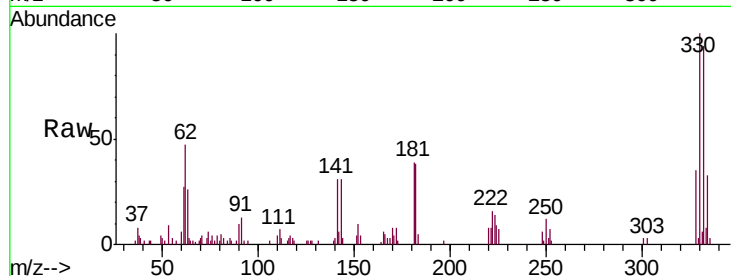
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SUNSET-PARK-SB-3-COMP

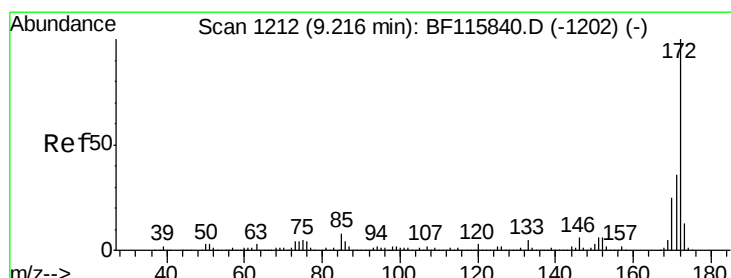
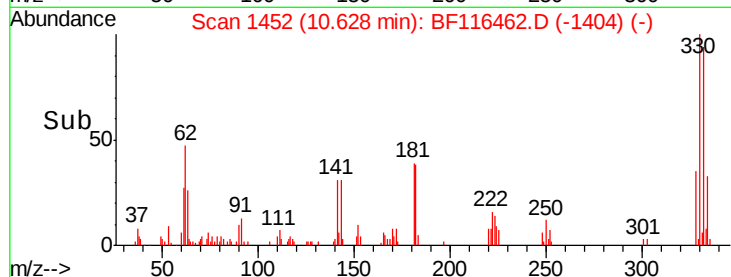
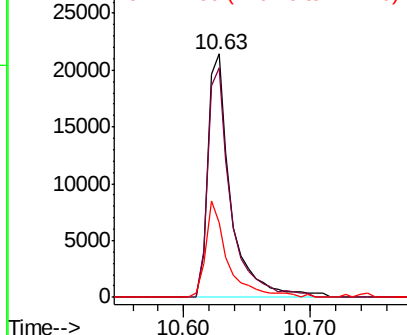
Tot Ion:	330	Resp:	27119
Ion Ratio	Lower	Upper	
330	100		
332	94.6	76.8	115.2
141	38.0	26.3	39.5

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 16.374 ng

RT: 9.15 min Scan# 1200

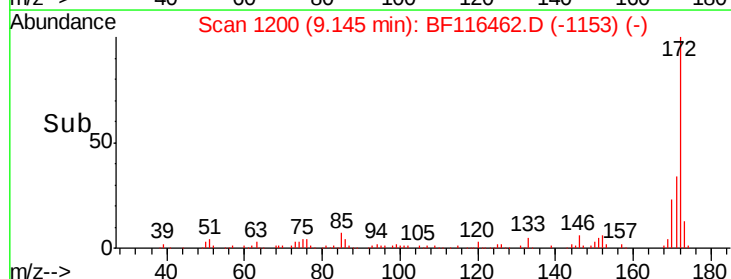
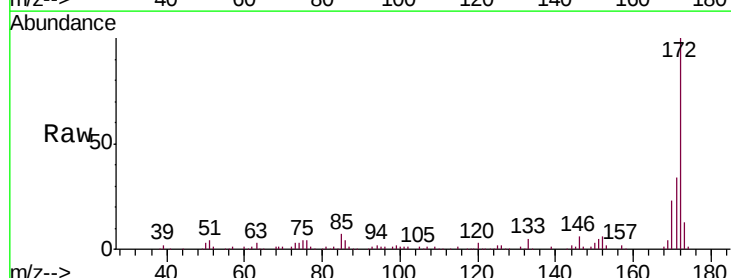
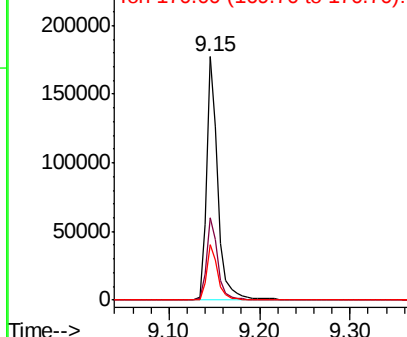
Delta R.T. -0.02 min

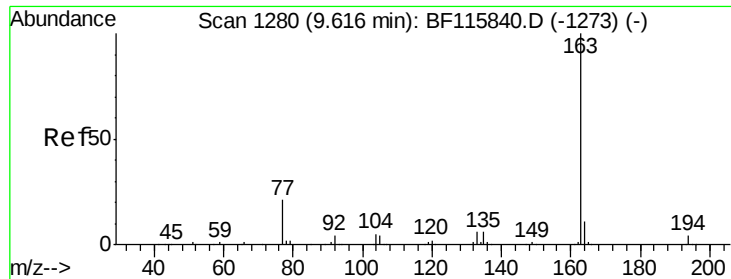
Lab File: BF116462.D

Acq: 21 Aug 2019 13:41

Tgt Ion:	172	Resp:	157799
Ion Ratio	Lower	Upper	
172	100		
171	34.0	29.6	44.4
170	22.9	20.1	30.1

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





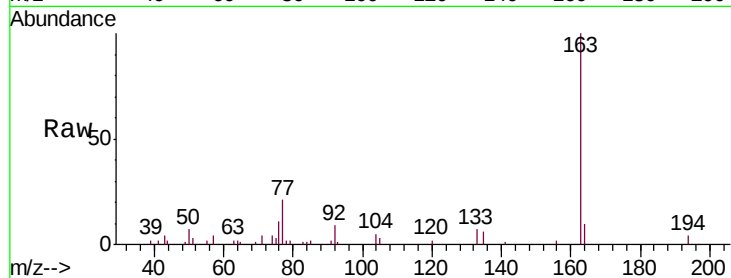
#50
Dimethylphthalate
Concen: 2.026 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-3-COMP

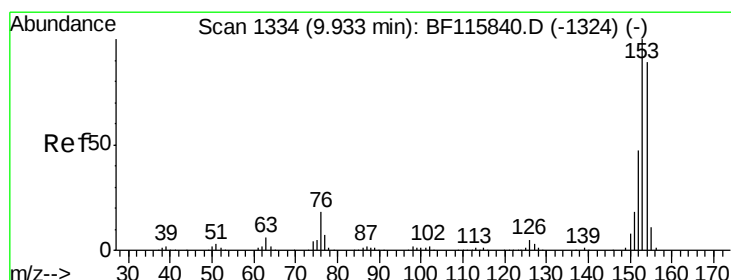
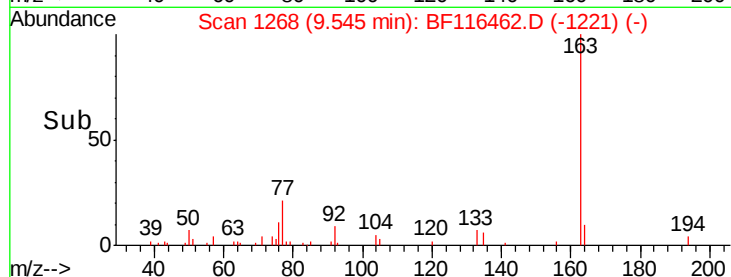
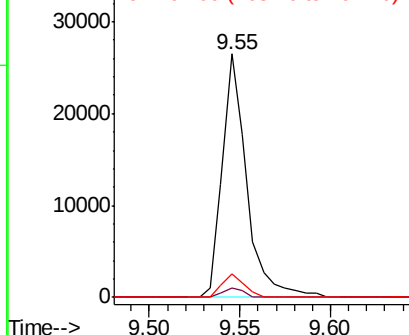
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	9.9	8.4	12.6

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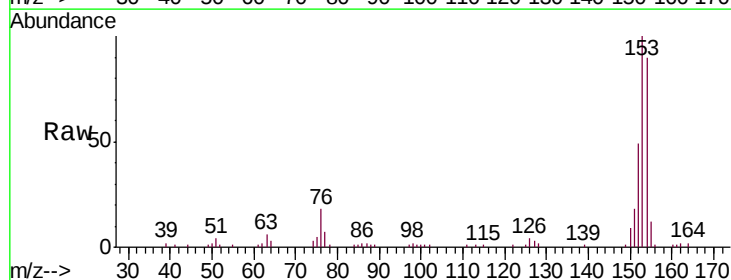


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

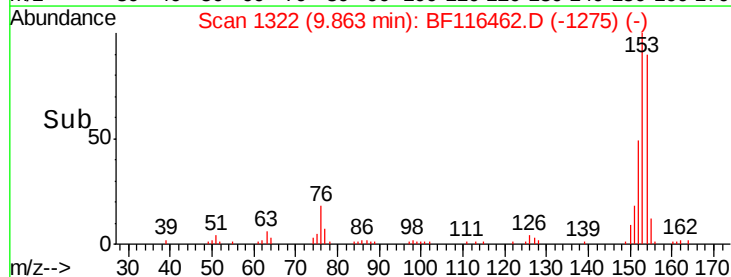
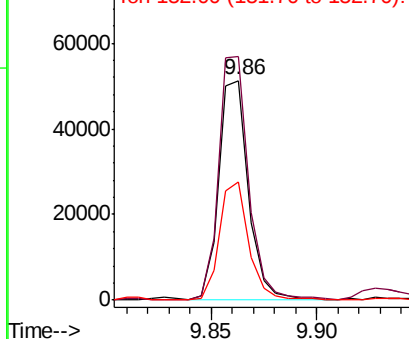


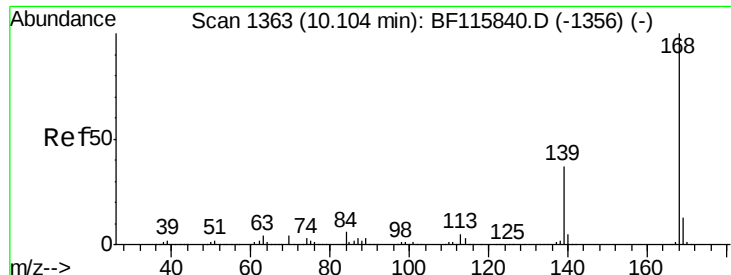
#52
Acenaphthene
Concen: 5.262 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	89.4	134.0
152	54.1	42.3	63.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





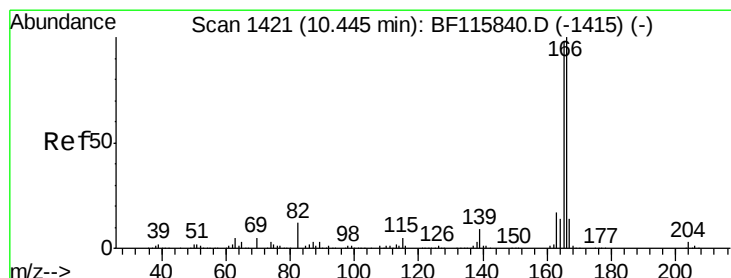
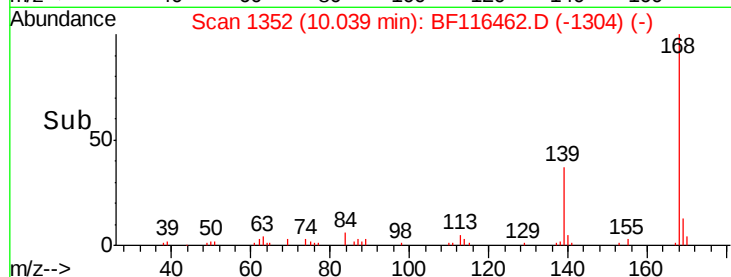
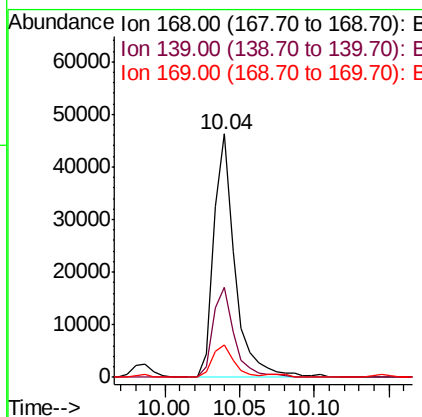
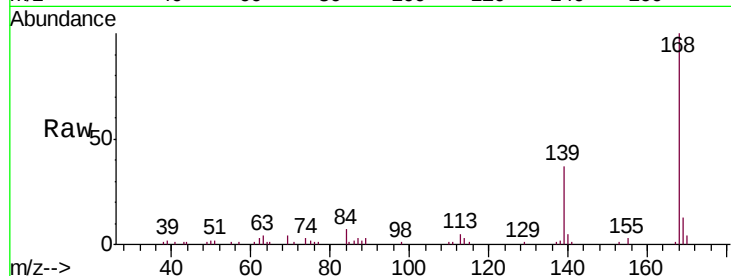
#55
Dibenzenofuran
Concen: 3.320 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-3-COMP

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	31.4	47.2
169	13.4	10.9	16.3

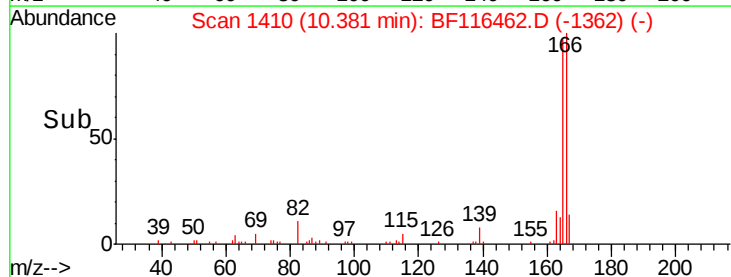
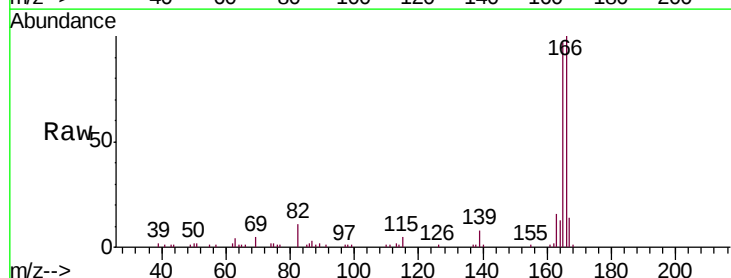
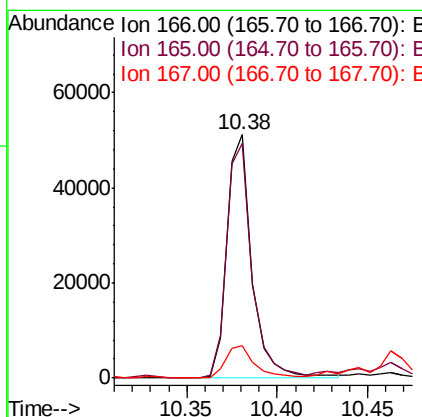
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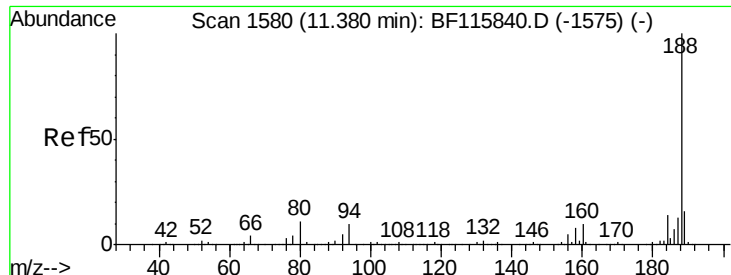
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#58
Fluorene
Concen: 4.649 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.4	117.6
167	13.5	11.0	16.4





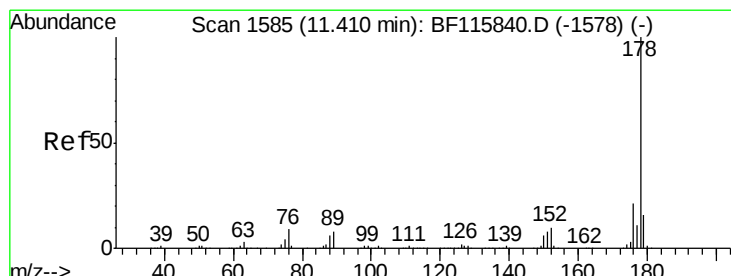
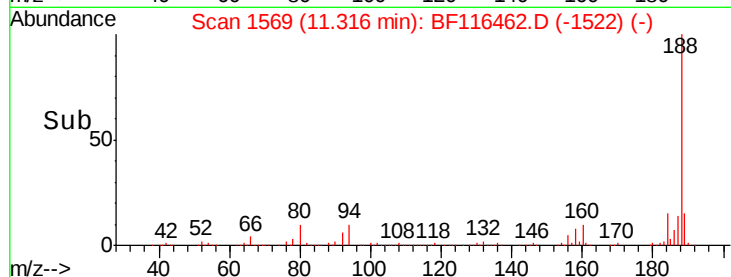
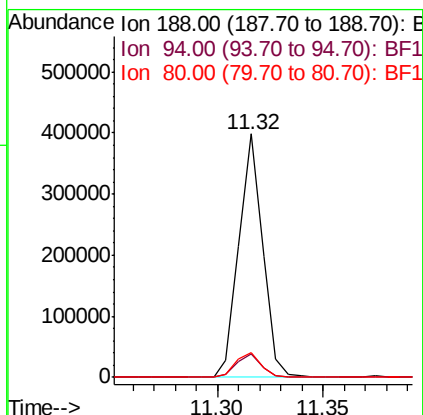
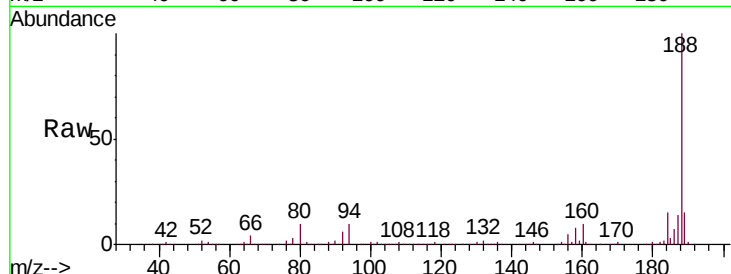
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-3-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	310451		
94	9.8		8.1	12.1
80	10.3		8.7	13.1

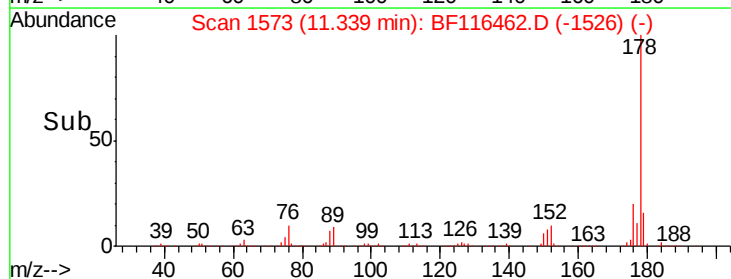
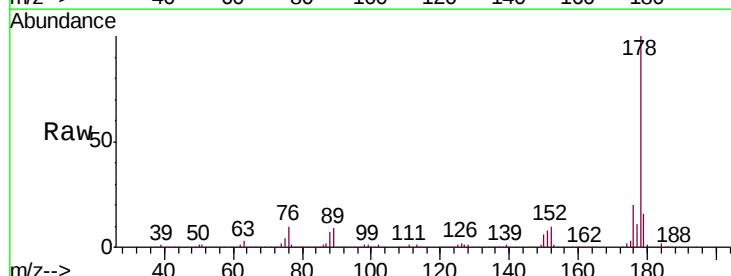
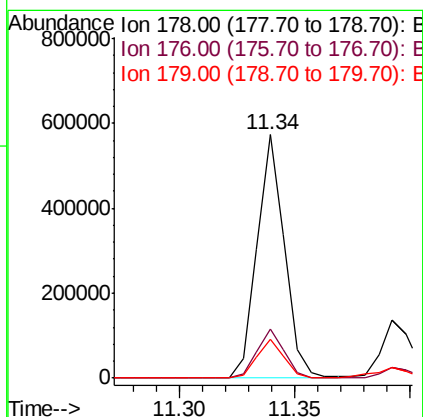
Manual Integrations
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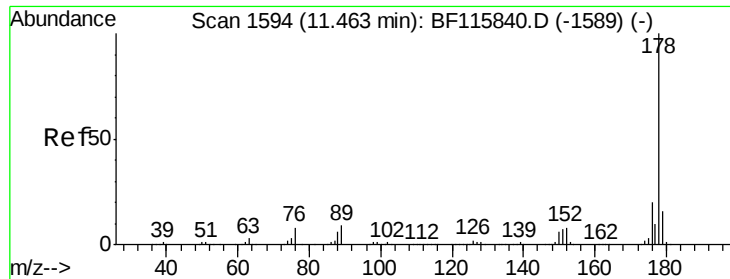
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#71
Phenanthrene
Concen: 30.069 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.02 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	477218		
176	20.2		16.6	24.8
179	16.1		12.5	18.7





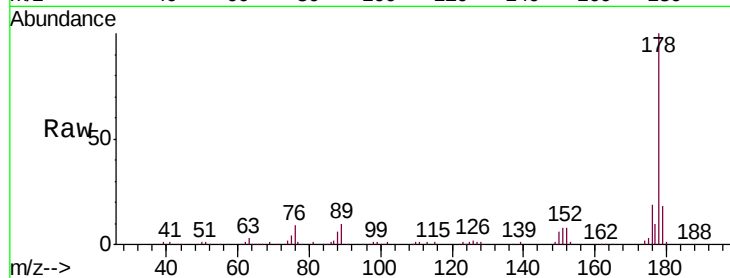
#72
 Anthracene
 Concen: 7.695 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.02 min
 Lab File: BF116462.D
 Acq: 21 Aug 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SUNSET-PARK-SB-3-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	17.5	13.0	19.6

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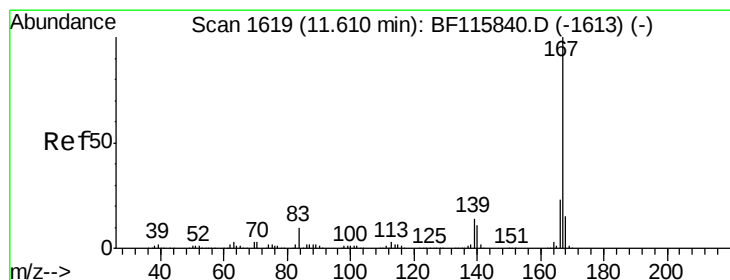
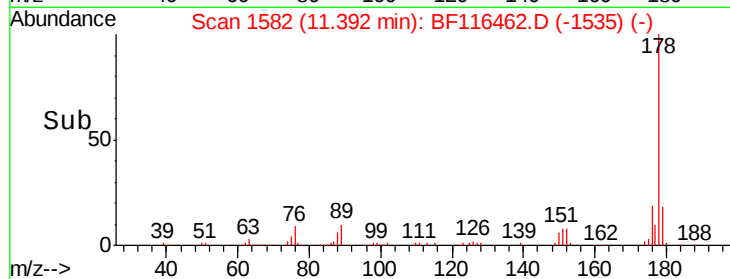
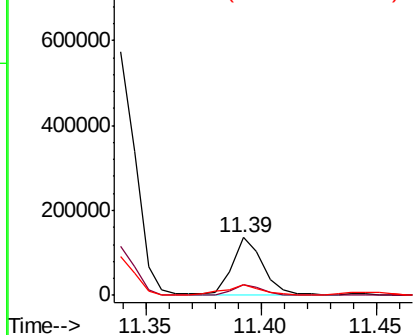


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73
 Carbazole
 Concen: 3.275 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116462.D
 Acq: 21 Aug 2019 13:41

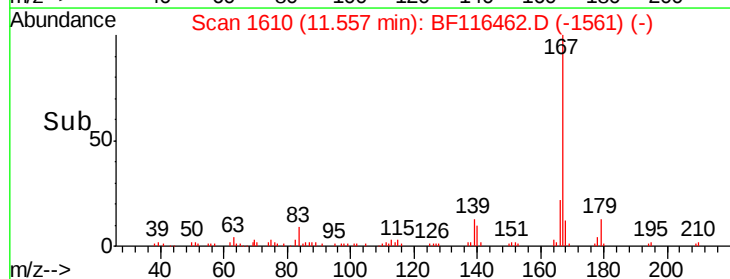
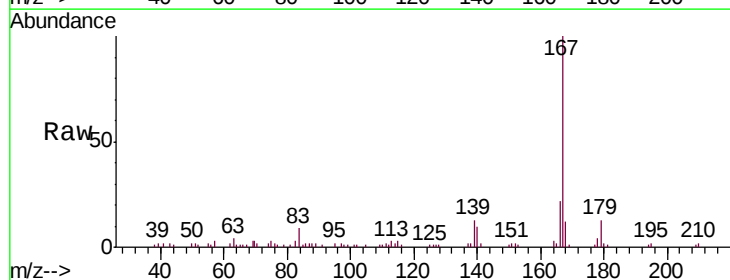
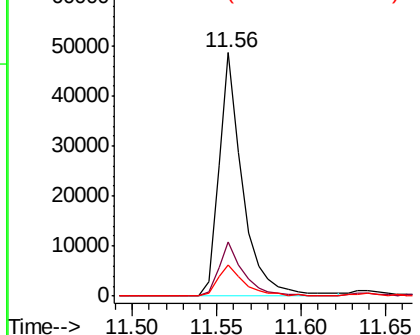
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	12.8	11.4	17.0

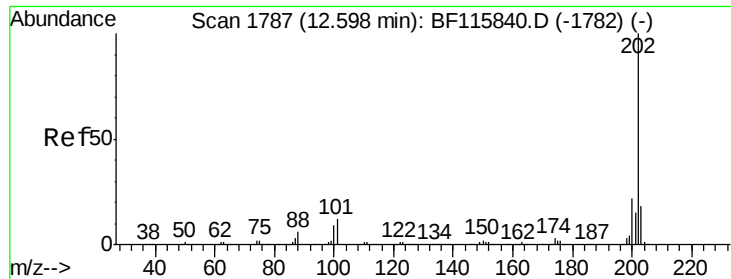
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 22.755 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.02 min

Lab File: BF116462.D

Acq: 21 Aug 2019 13:41

Instrument :

BNA_F

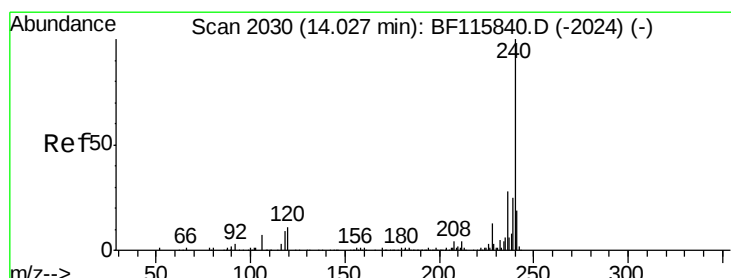
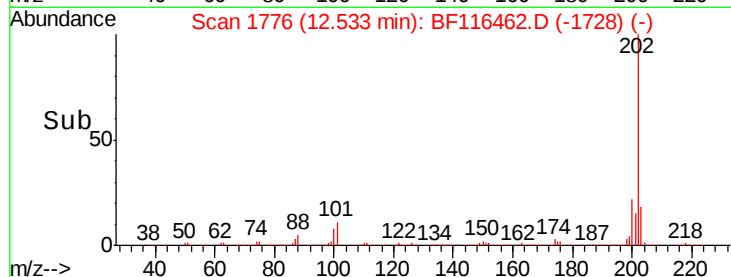
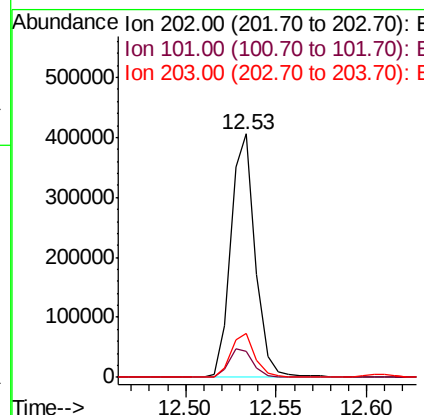
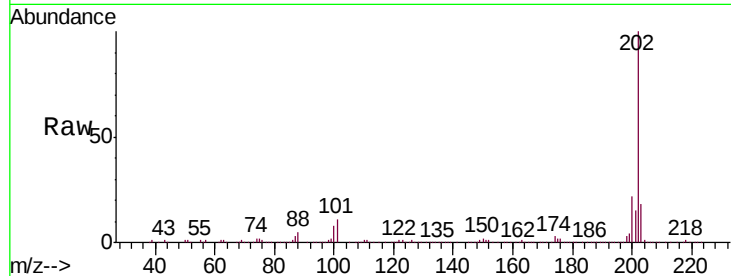
ClientSampleId :

SUNSET-PARK-SB-3-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	31.2
203	18.1	0.0	37.8

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#76

Chrysene-d12

Concen: 20.000 ng

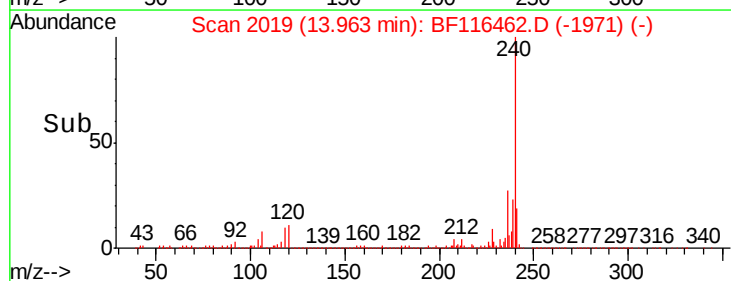
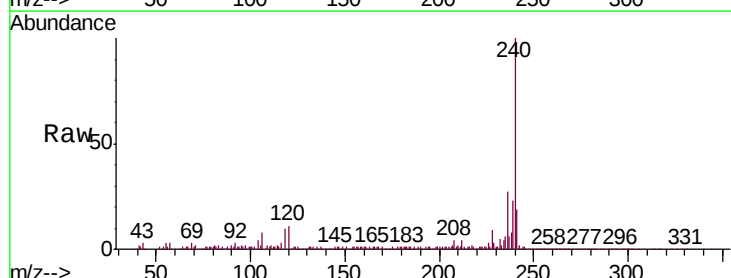
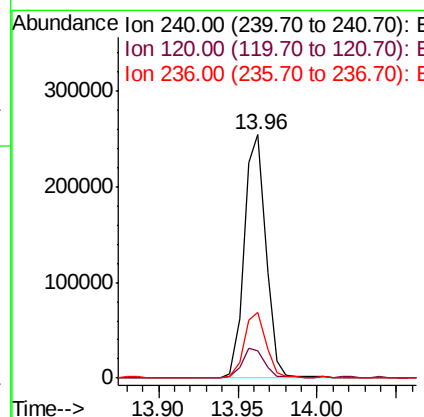
RT: 13.96 min Scan# 2019

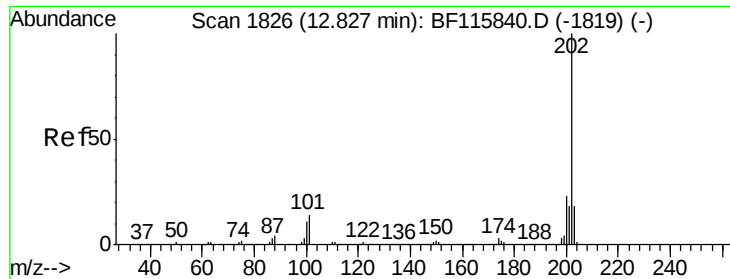
Delta R.T. -0.02 min

Lab File: BF116462.D

Acq: 21 Aug 2019 13:41

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.3	10.7	16.1
236	27.0	22.2	33.2





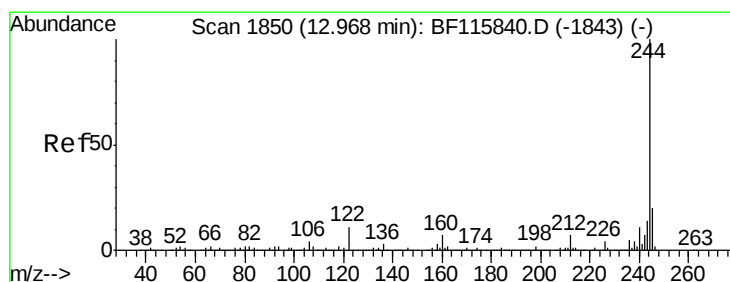
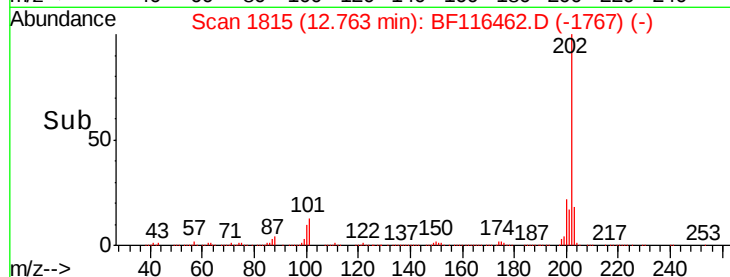
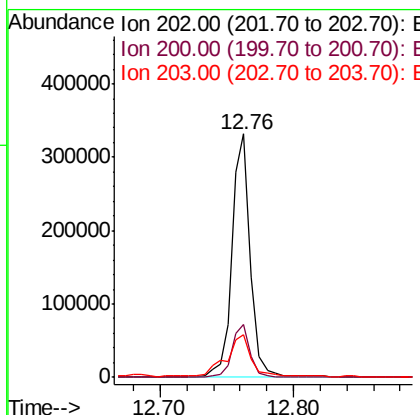
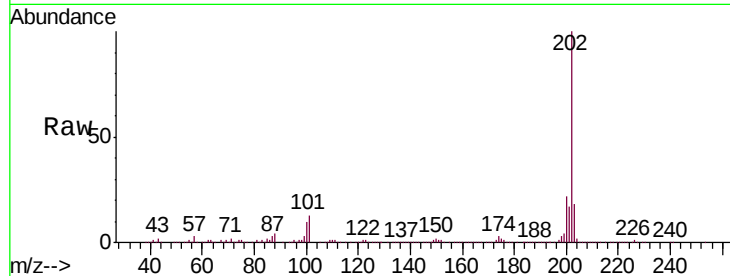
#78
Pvrene
Concen: 17.503 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-3-COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100	317070		
200	21.7		18.0	27.0
203	17.7		14.1	21.1

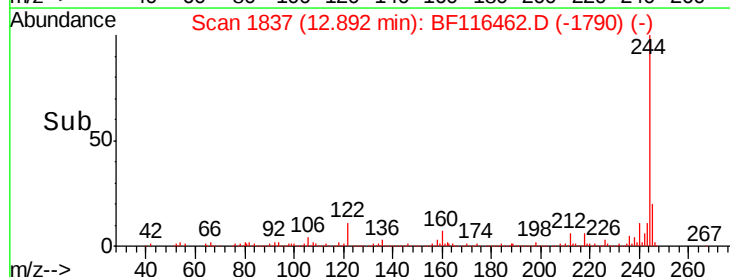
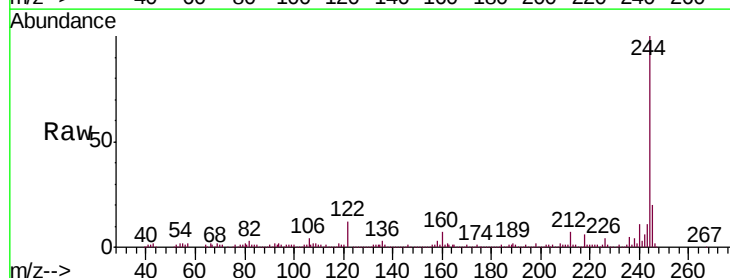
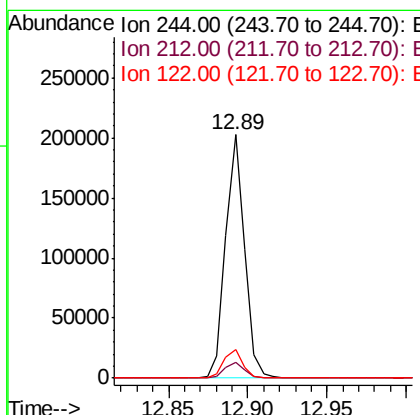
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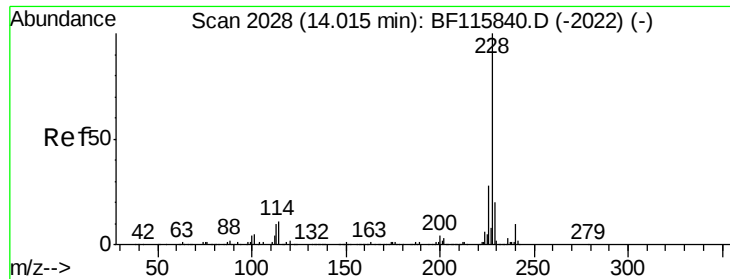
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#79
Terphenyl-d14
Concen: 14.713 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	167797		
212	6.6		5.8	8.8
122	11.6		9.0	13.4





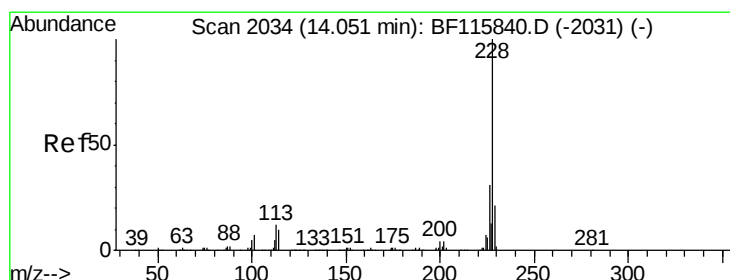
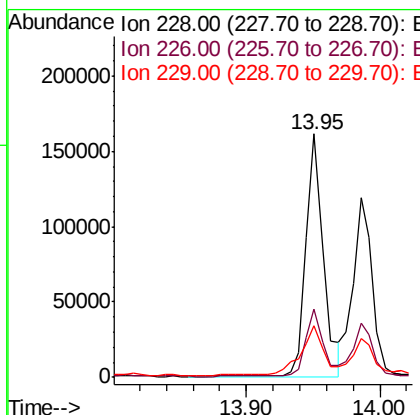
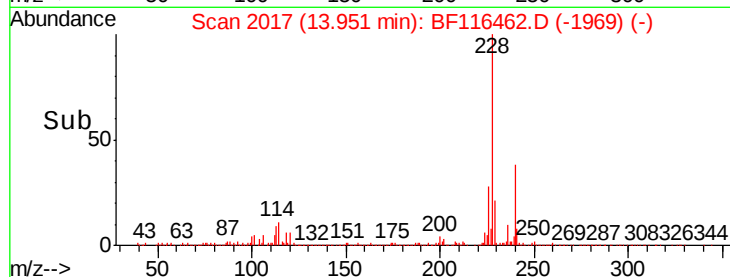
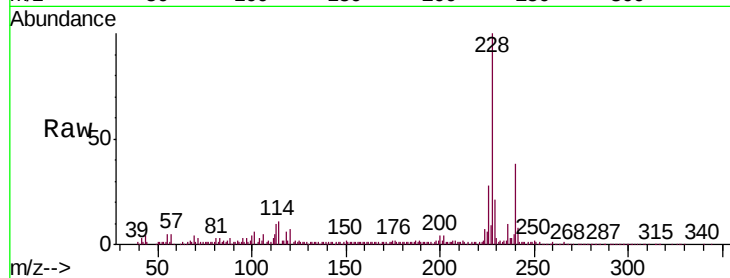
#81
Benzo(a)anthracene
Concen: 9.399 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-3-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	21.4	16.2	24.4

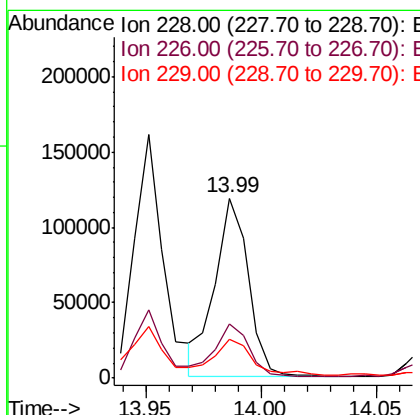
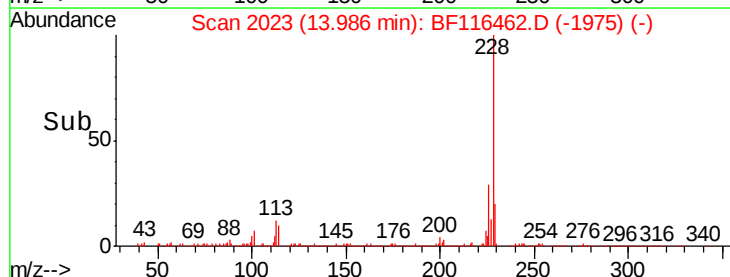
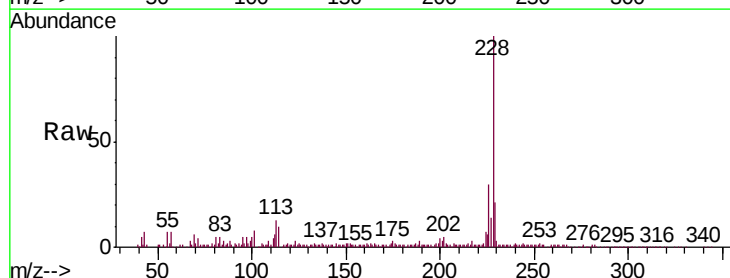
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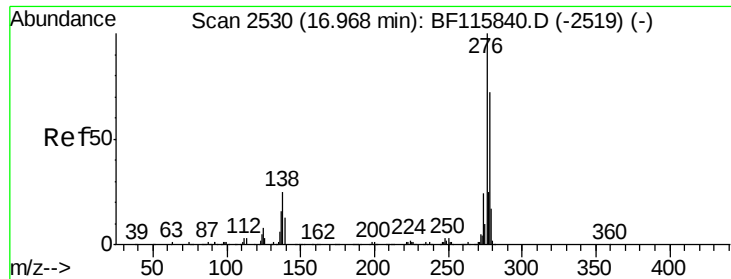
Jagrut
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#83
Chrysene
Concen: 8.071 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.5	38.3
229	21.4	16.6	24.8





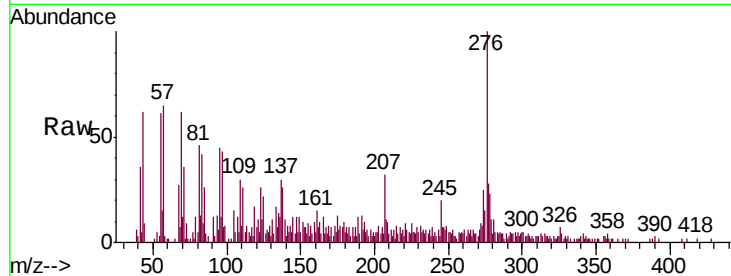
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.807 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-3-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.4	30.6
277	22.4	20.0	30.0

Manual Integrations
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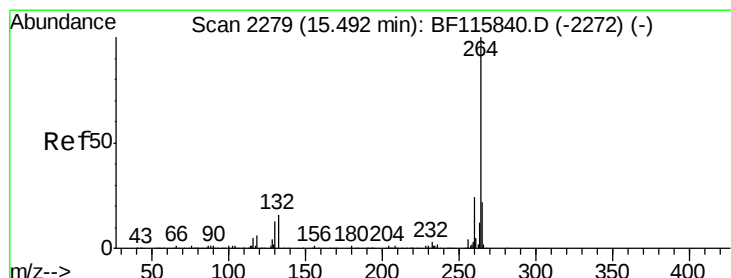
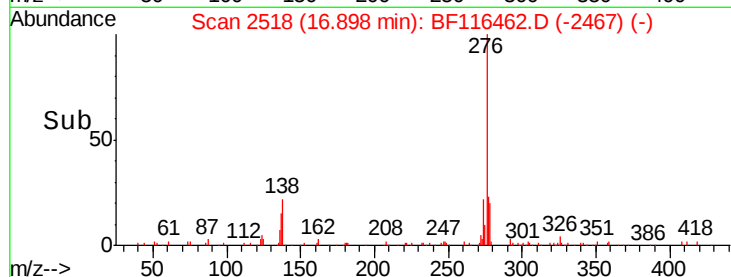
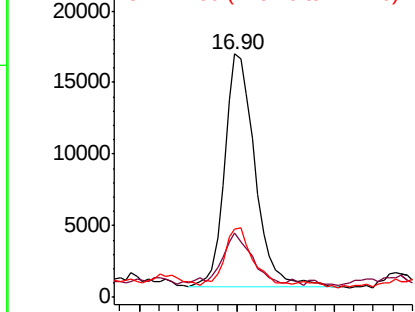


Abundance

Ion 276.00 (275.70 to 276.70): E

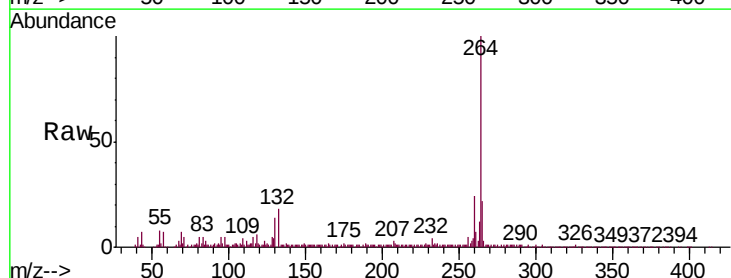
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.9	17.4	26.0

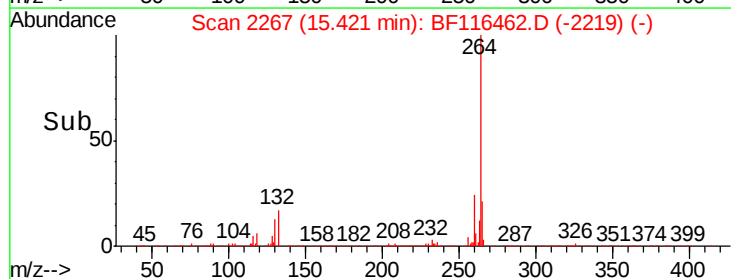
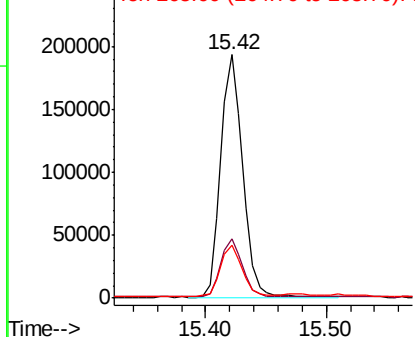


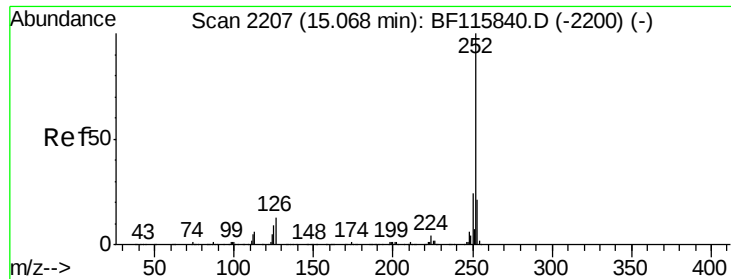
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





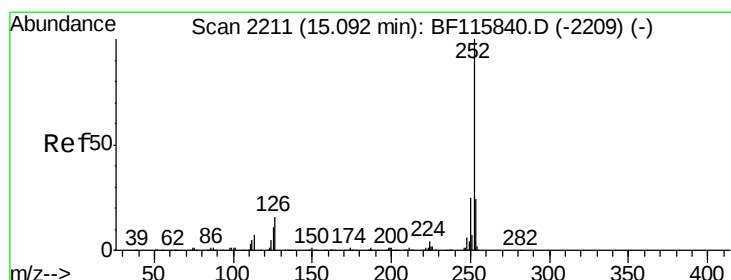
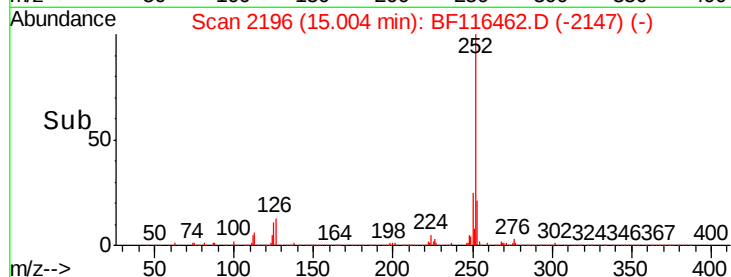
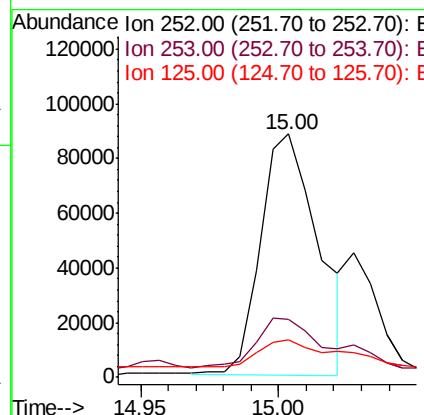
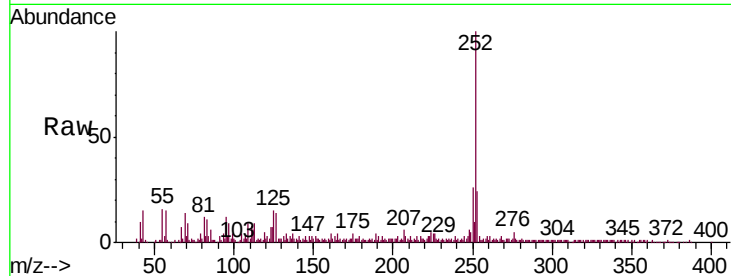
#88
Benzo(b)fluoranthene
Concen: 9.225 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-3-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	15.3	8.4	12.6

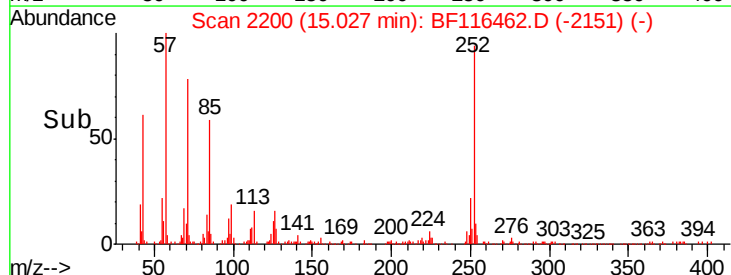
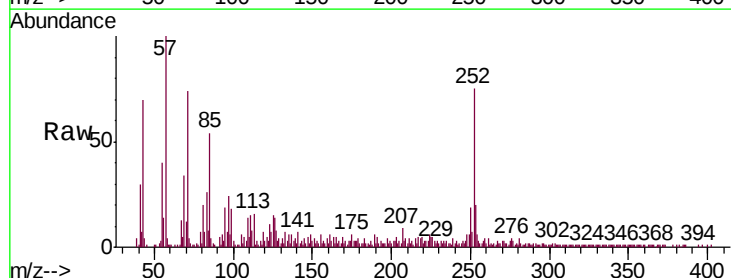
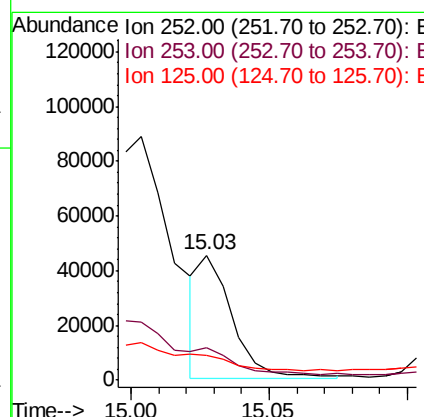
Manual Integrations
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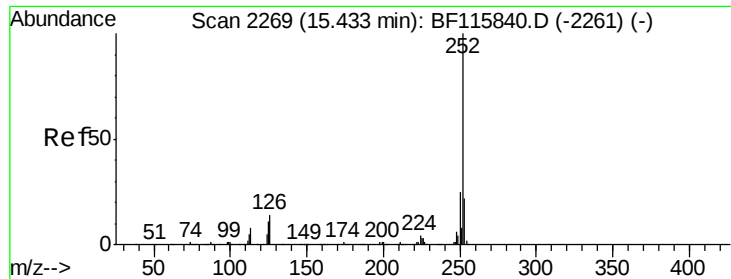
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#89
Benzo(k)fluoranthene
Concen: 2.736 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.8	26.8
125	20.3	7.7	11.5





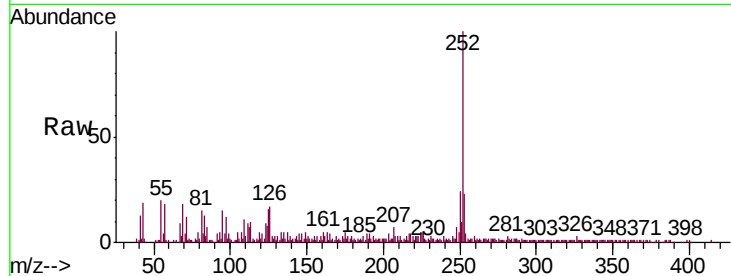
#90
Benzo(a)pyrene
Concen: 6.973 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-3-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	15.8	8.9	13.3

Manual Integrations
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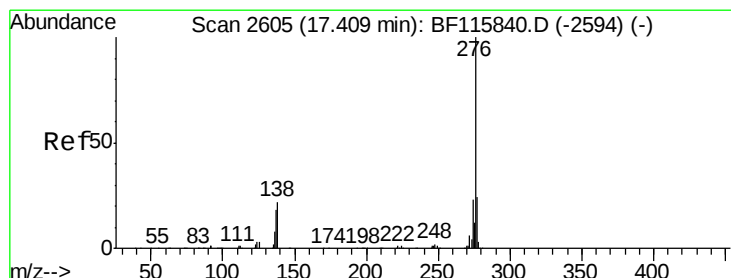
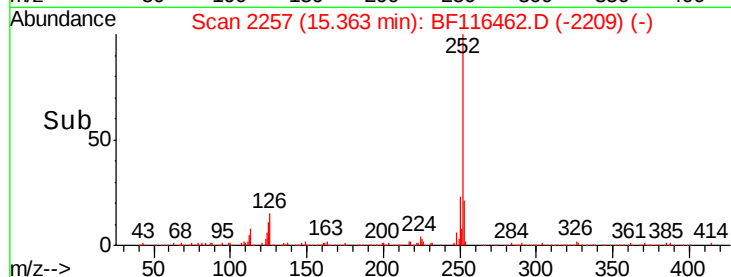
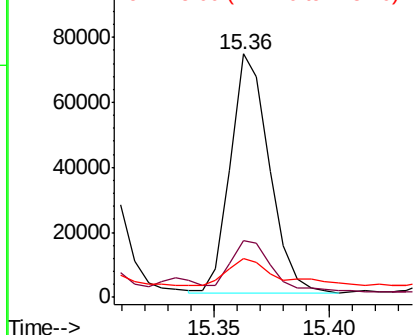


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.816 ng
RT: 17.34 min Scan# 2594
Delta R.T. 0.01 min
Lab File: BF116462.D
Acq: 21 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.0	18.4	27.6
138	29.4	17.0	25.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

