

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
 Data File : BF116461.D
 Acq On : 21 Aug 2019 13:14
 Operator : HP/JU
 Sample : K4421-11 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUNSET-PARK-SB-2-COMP

Manual Integrations
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Quant Time: Aug 21 16:41:08 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	88080	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	362236	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	193610	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	330910	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	234301	20.00	ng	-0.02
87) Perylene-d12	15.42	264	248105	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	75845	14.42	ng	0.00
7) Phenol-d6	6.46	99	123476	18.60	ng	0.00
23) Nitrobenzene-d5	7.37	82	74954	11.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	21820	11.62	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	153340	14.83	ng	-0.02
79) Terphenyl-d14	12.89	244	149368	13.43	ng	-0.02
Target Compounds						
75) Fluoranthene	12.53	202	66333	3.745	ng	99
78) Pyrene	12.76	202	73537	4.164	ng	98
81) Benzo(a)anthracene	13.95	228	32687	2.183	ng	96
83) Chrysene	13.99	228	32658	2.246	ng	95
88) Benzo(b)fluoranthene	15.00	252	43404m	3.026	ng	
90) Benzo(a)pyrene	15.37	252	26006	2.028	ng	# 83

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

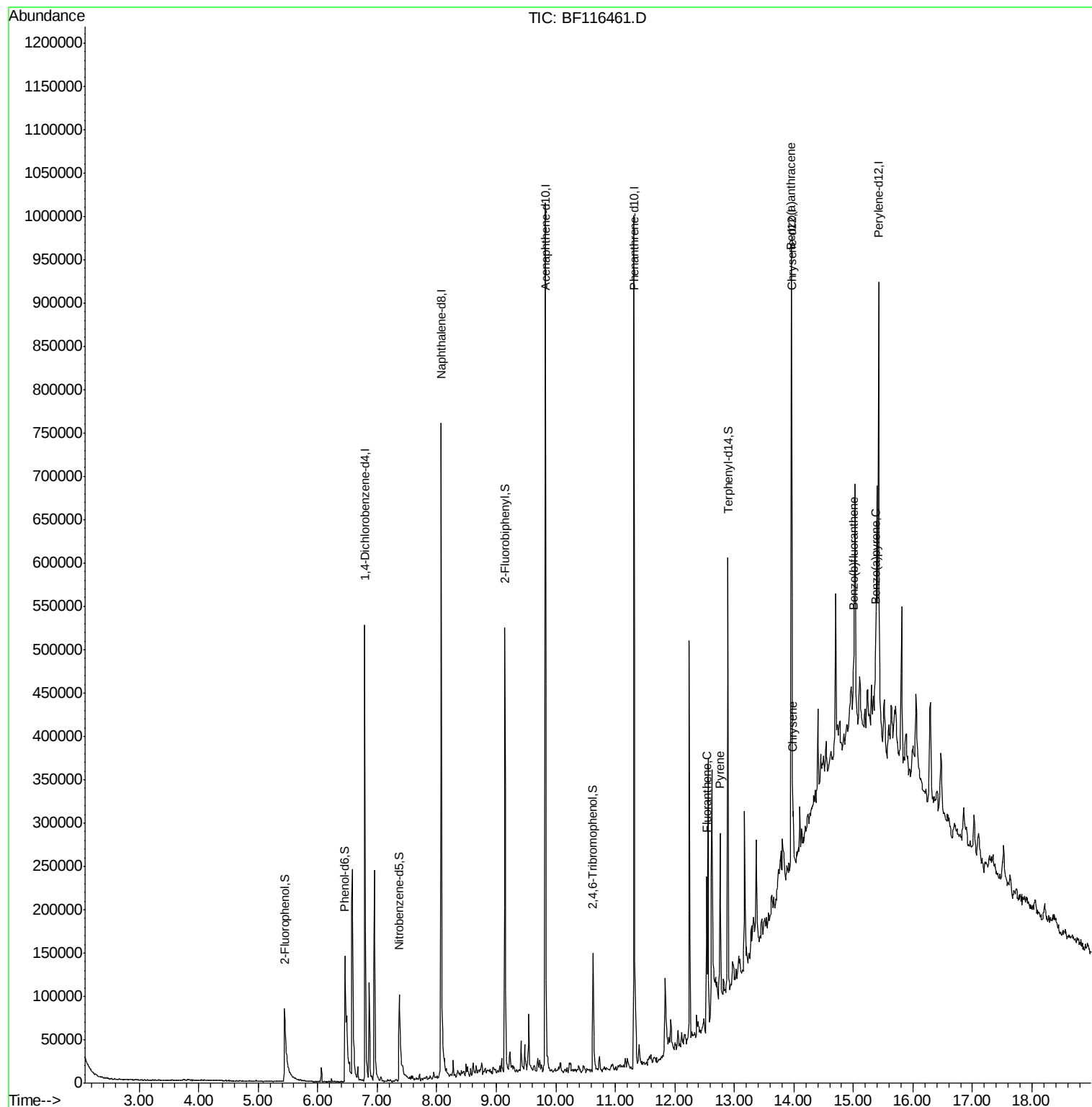
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116461.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

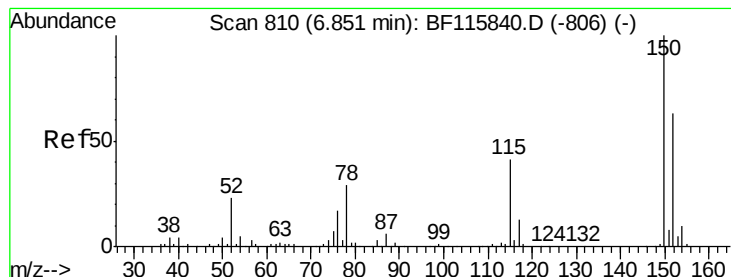
Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-2-COMP

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Quant Time: Aug 21 16:41:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

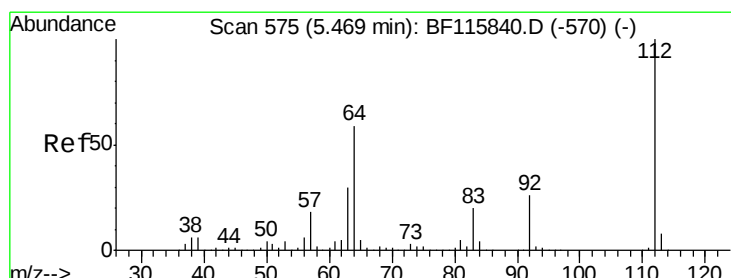
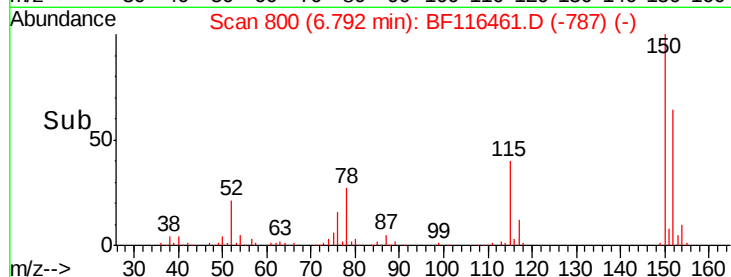
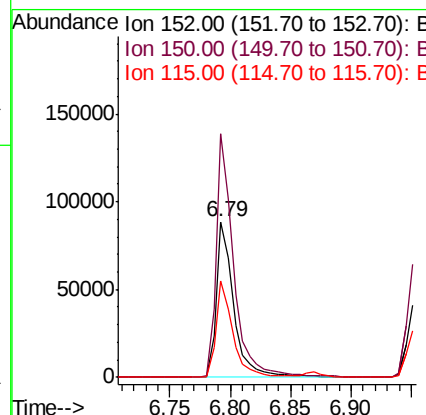
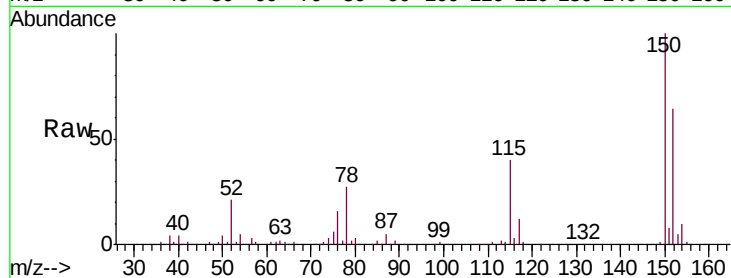
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-2-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	62.0	49.9	74.9

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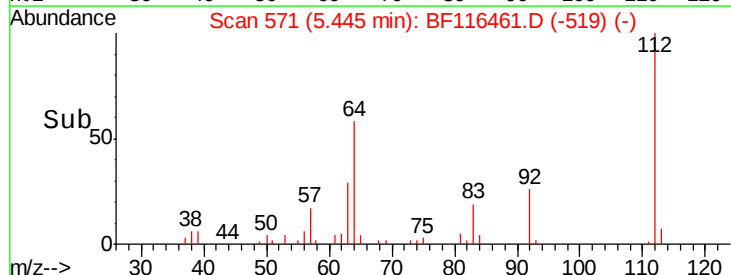
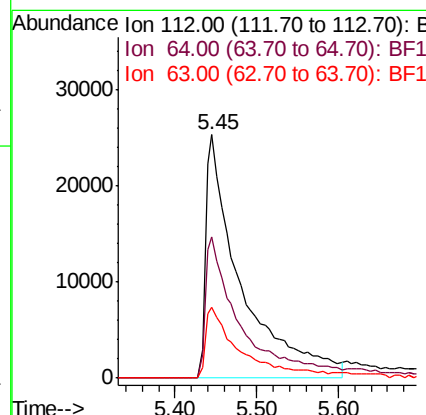
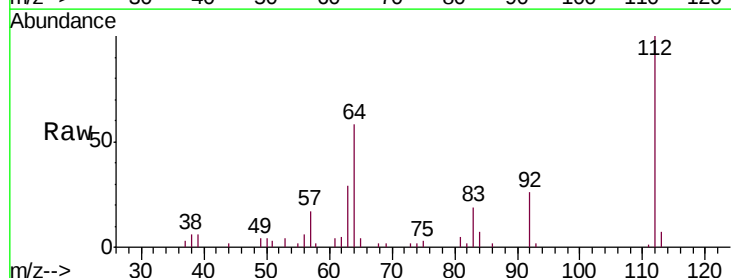
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#5

2-Fluorophenol
Concen: 14.415 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.4	68.2
63	29.1	23.7	35.5





#7

Phenol-d6

Concen: 18.601 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116461.D

Acq: 21 Aug 2019 13:14

Instrument :

BNA_F

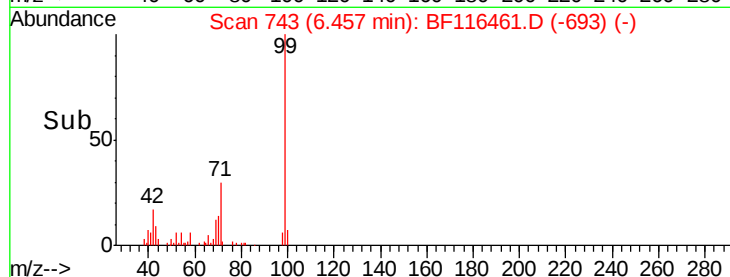
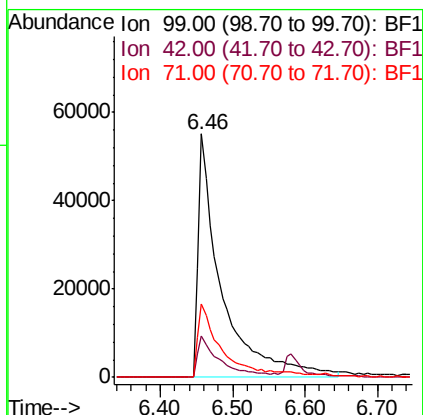
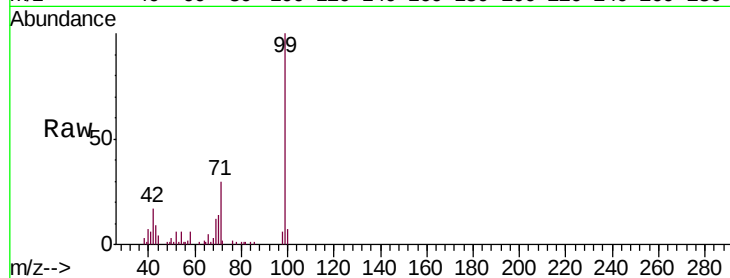
ClientSampleId :

SUNSET-PARK-SB-2-COMP

Tot Ion:	99	Resp:	123476
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.8	20.8
71	30.2	27.3	40.9

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#21

Naphthalene-d8

Concen: 20.000 ng

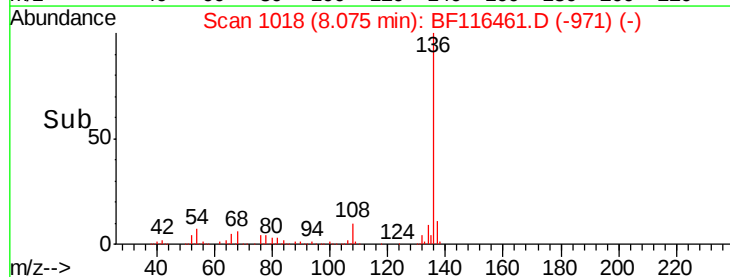
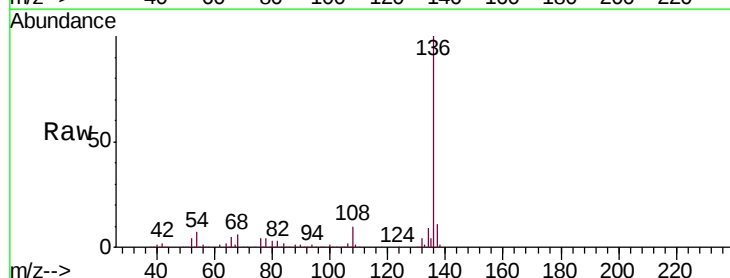
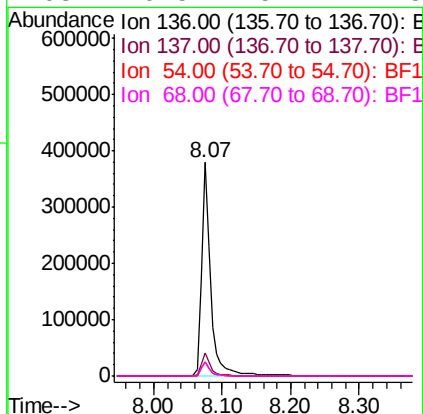
RT: 8.07 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BF116461.D

Acq: 21 Aug 2019 13:14

Tgt Ion:	136	Resp:	362236
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.4
54	6.9	5.8	8.6
68	6.5	5.2	7.8





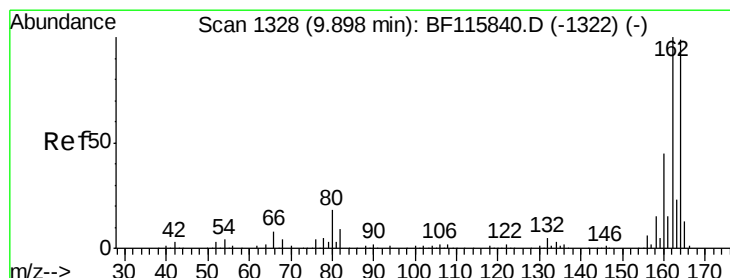
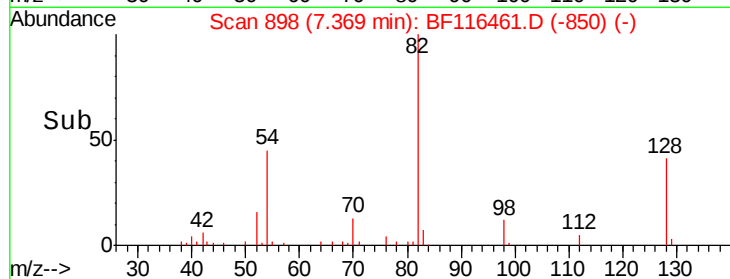
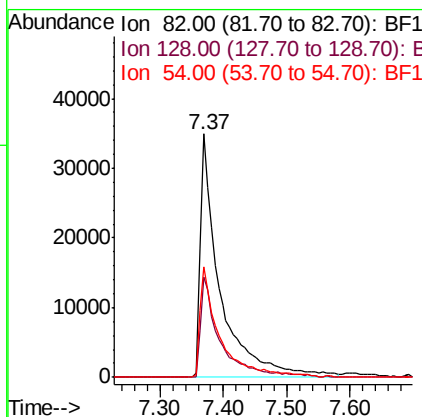
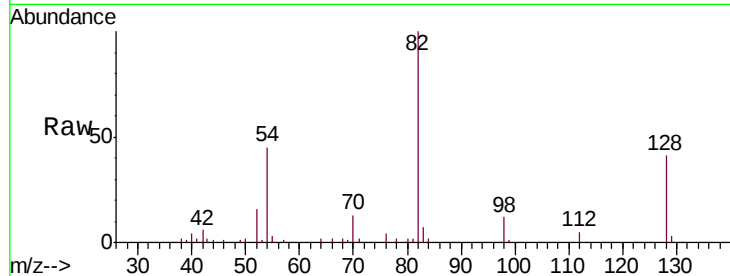
#23
 Nitrobenzene-d5
 Concen: 11.944 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116461.D
 Acq: 21 Aug 2019 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SUNSET-PARK-SB-2-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.5	54.7
54	45.2	36.0	54.0

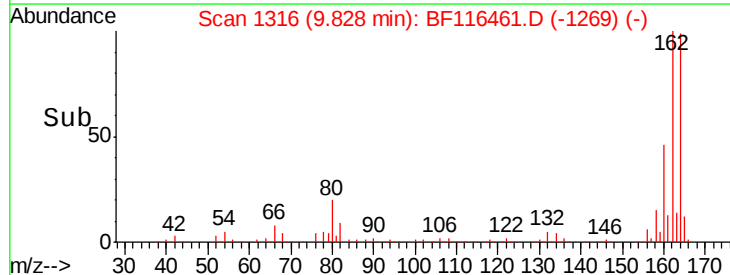
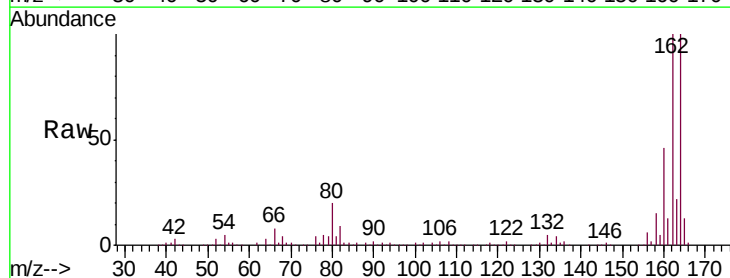
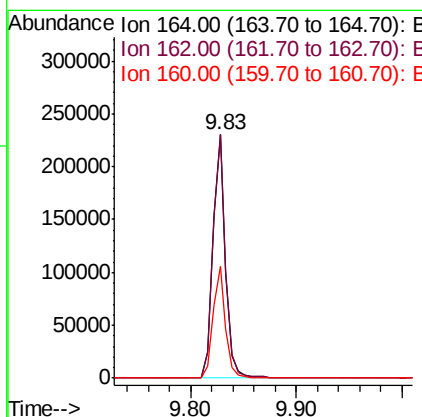
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF116461.D
 Acq: 21 Aug 2019 13:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.6	124.0
160	45.7	37.6	56.4





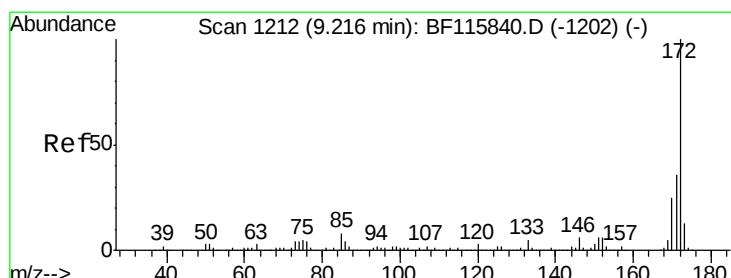
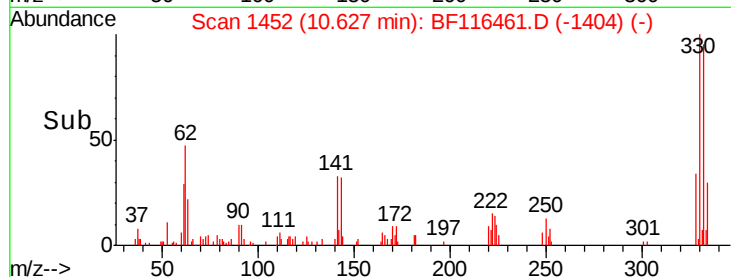
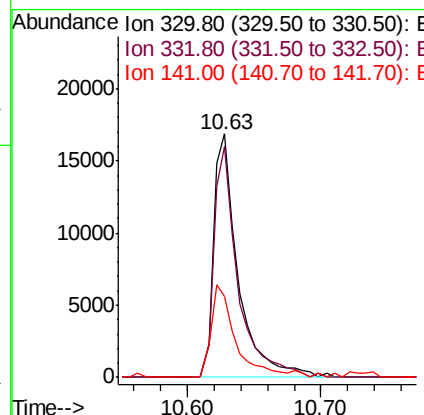
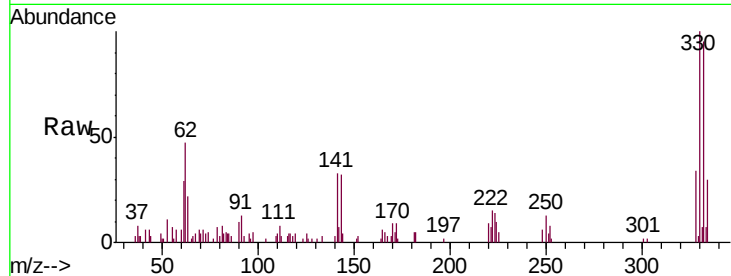
#42
 2,4,6-Tribromophenol
 Concen: 11.624 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116461.D
 Acq: 21 Aug 2019 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SUNSET-PARK-SB-2-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.4	76.8	115.2
141	38.4	26.3	39.5

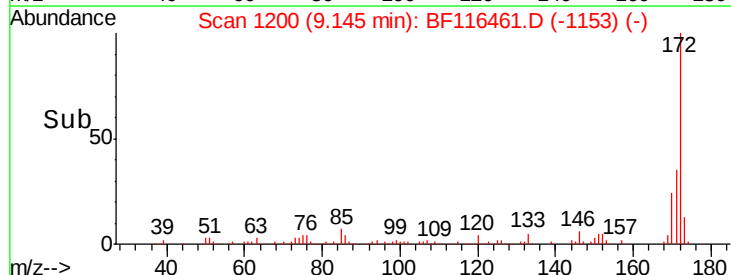
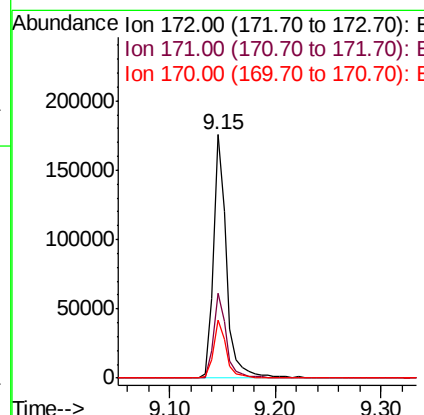
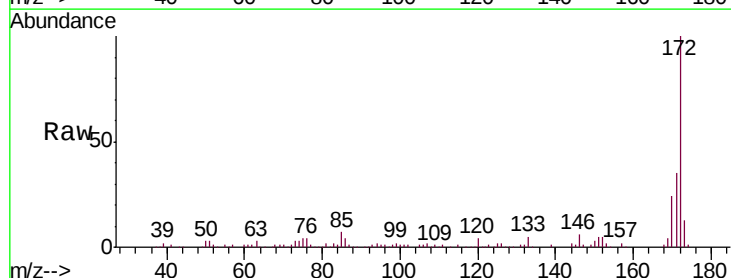
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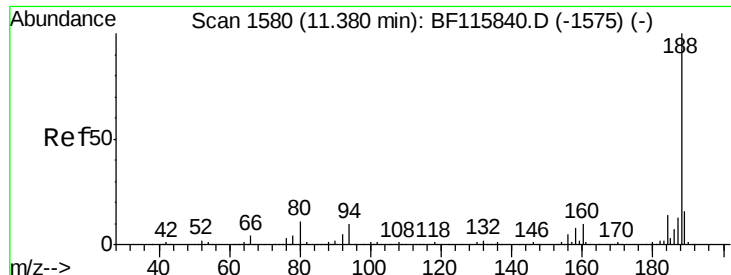
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#45
 2-Fluorobiphenyl
 Concen: 14.835 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF116461.D
 Acq: 21 Aug 2019 13:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.6	20.1	30.1





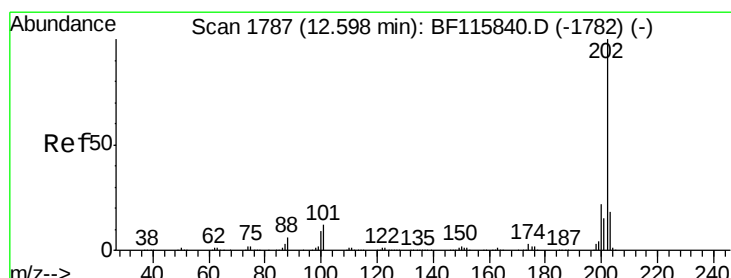
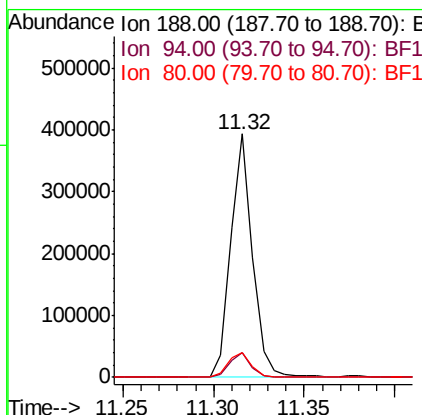
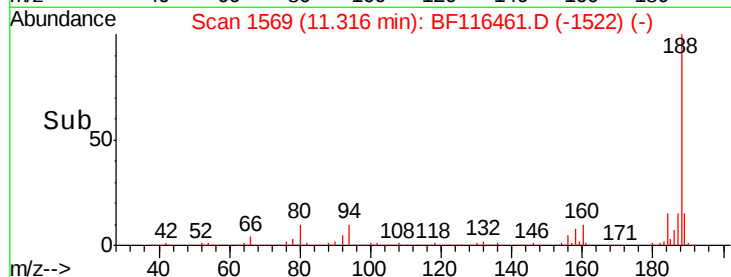
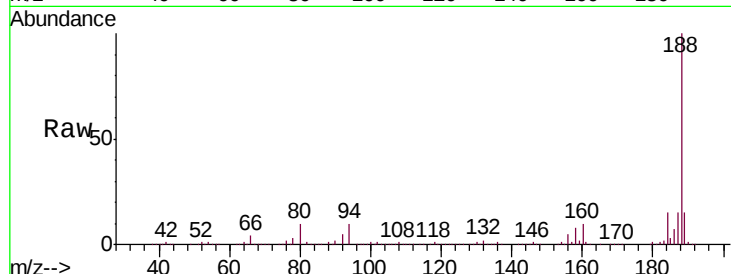
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	330910		
94	10.1		8.1	12.1
80	10.3		8.7	13.1

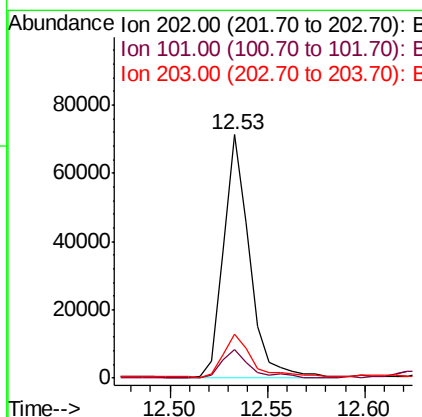
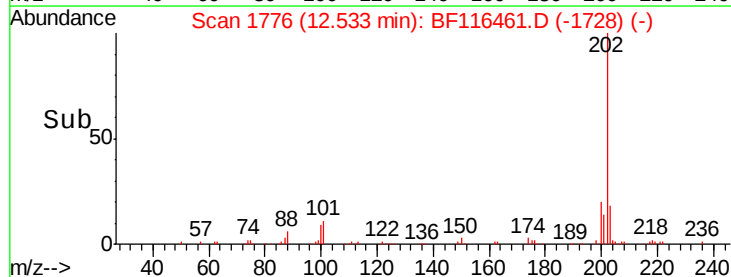
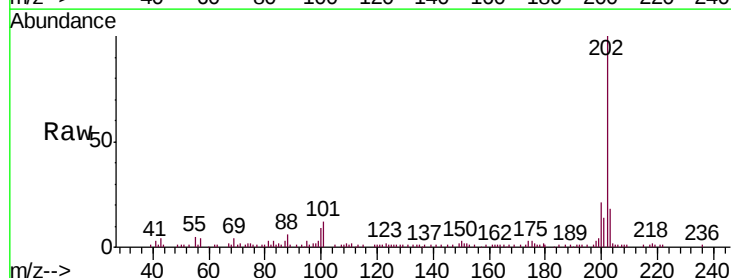
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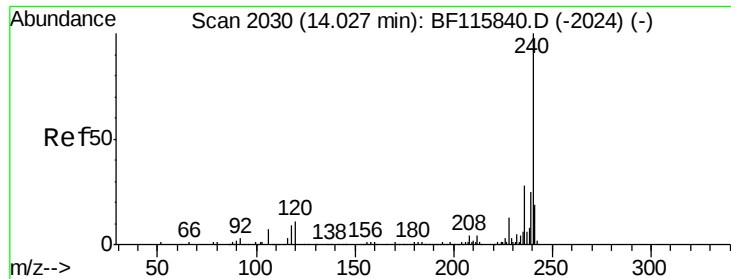
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#75
Fluoranthene
Concen: 3.745 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	66333		
101	11.9		0.0	31.2
203	18.0		0.0	37.8





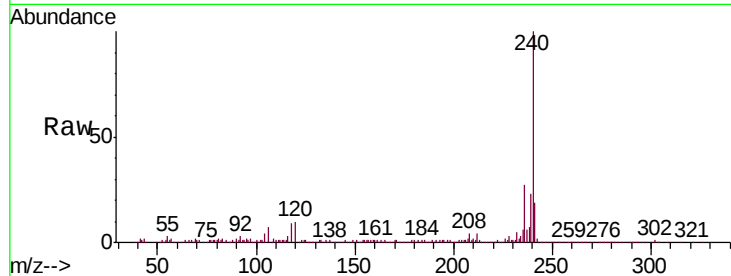
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-2-COMP

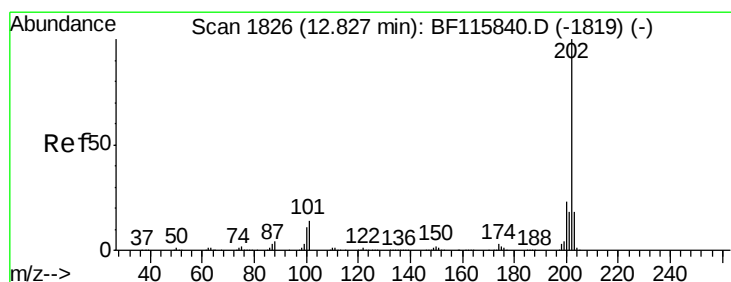
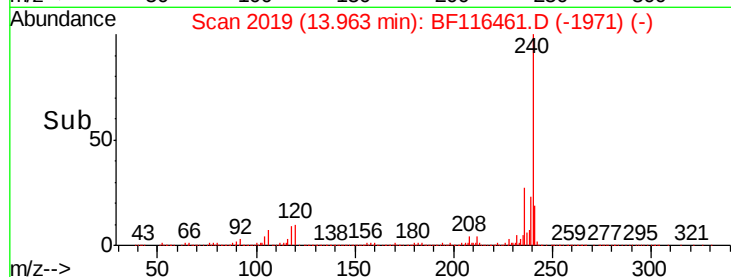
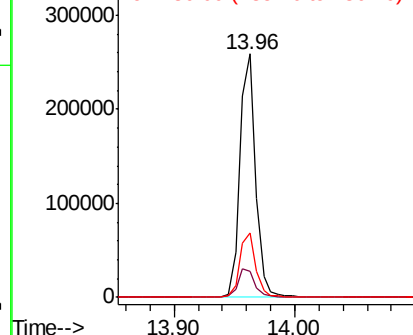
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.7	16.1#
236	26.7	22.2	33.2

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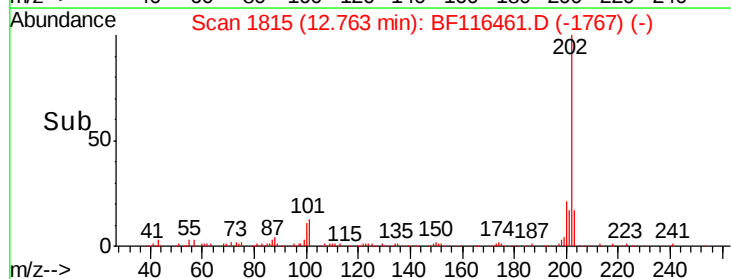
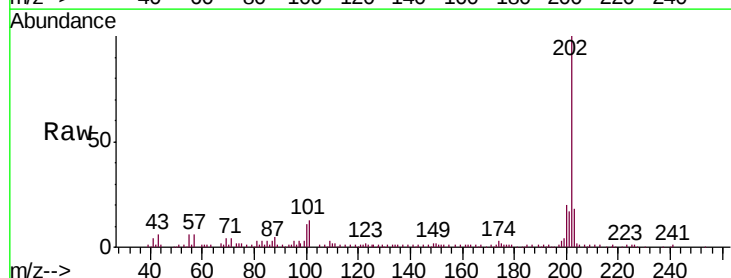
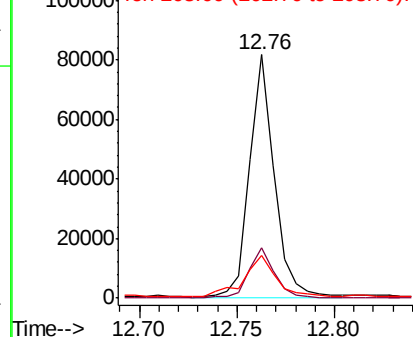
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Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

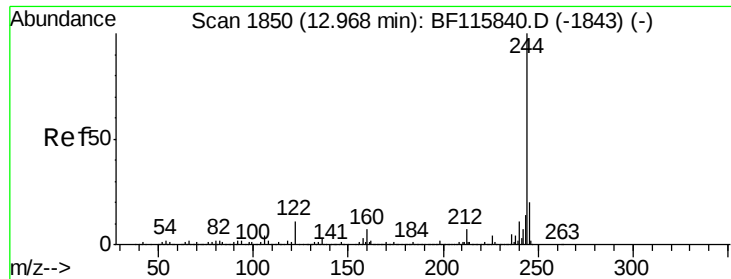


#78
Pyrene
Concen: 4.164 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	18.0	27.0
203	17.6	14.1	21.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





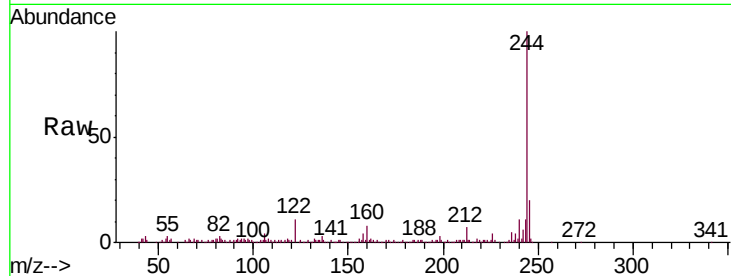
#79
 Terphenyl-d14
 Concen: 13.433 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.02 min
 Lab File: BF116461.D
 Acq: 21 Aug 2019 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SUNSET-PARK-SB-2-COMP

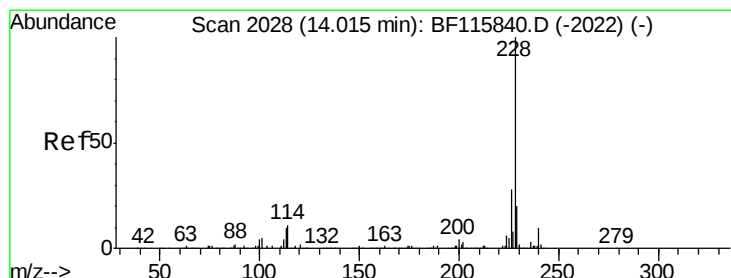
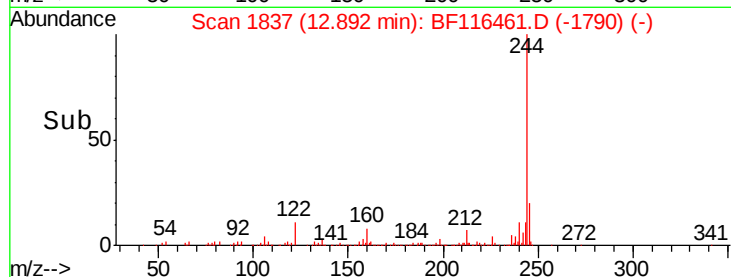
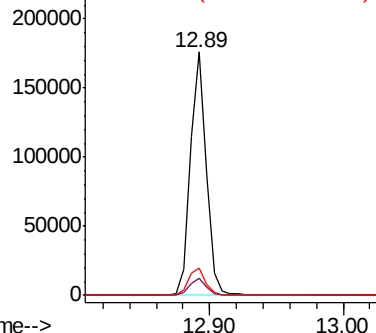
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.2	9.0	13.4

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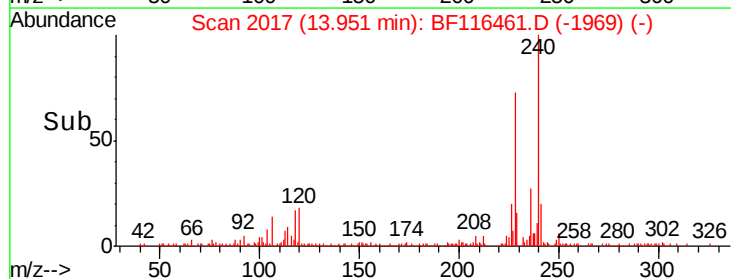
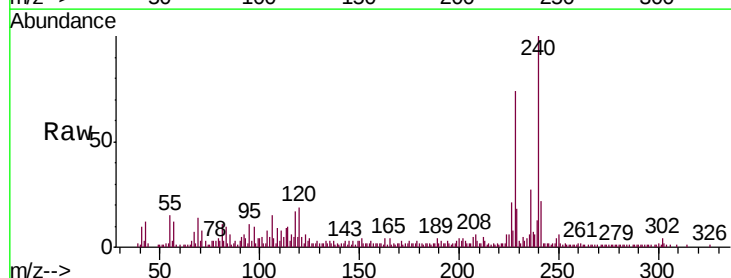
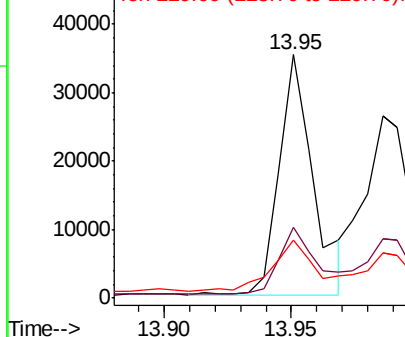
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

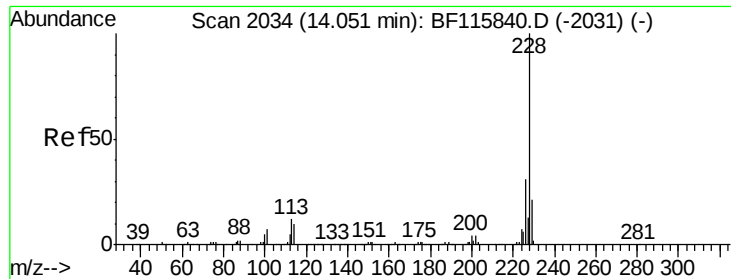


#81
 Benzo(a)anthracene
 Concen: 2.183 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF116461.D
 Acq: 21 Aug 2019 13:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	23.9	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





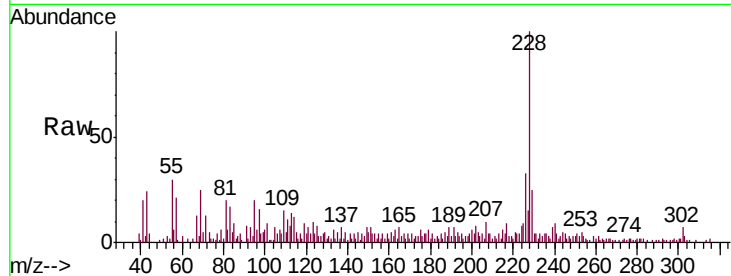
#83
Chrysene
Concen: 2.246 ng
RT: 13.99 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-2-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.5	38.3
229	24.8	16.6	24.8

Manual Integrations
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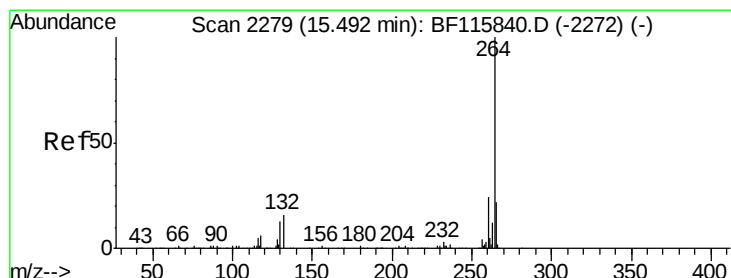
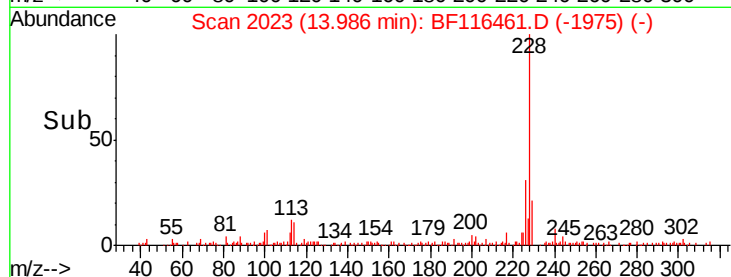
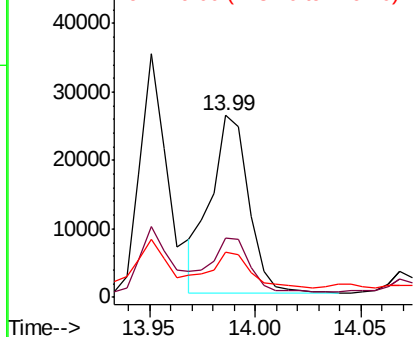


Abundance

Ion 228.00 (227.70 to 228.70): E

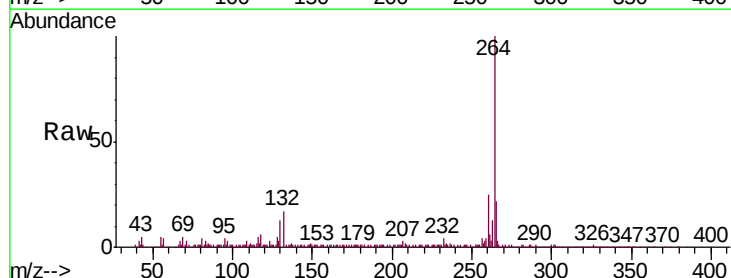
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	21.7	17.4	26.0

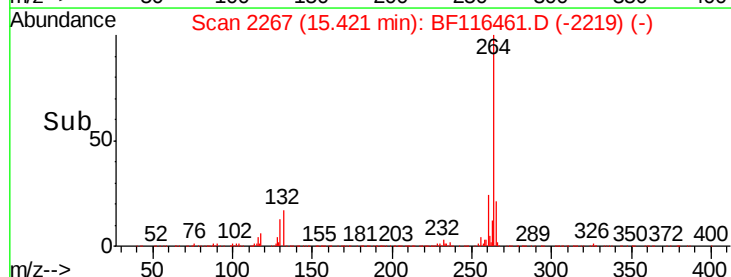
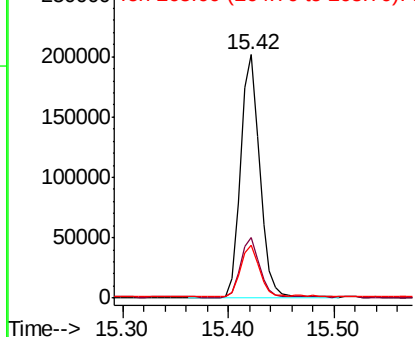


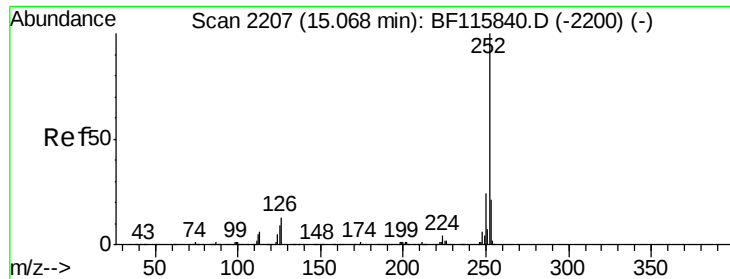
Abundance

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





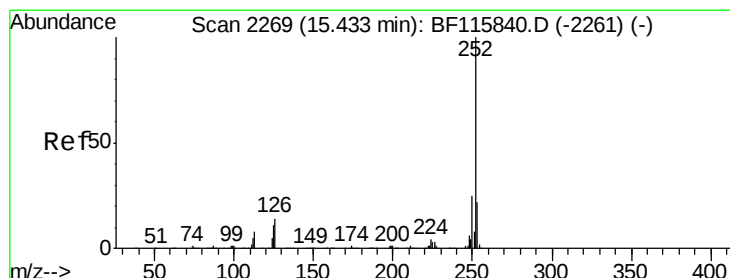
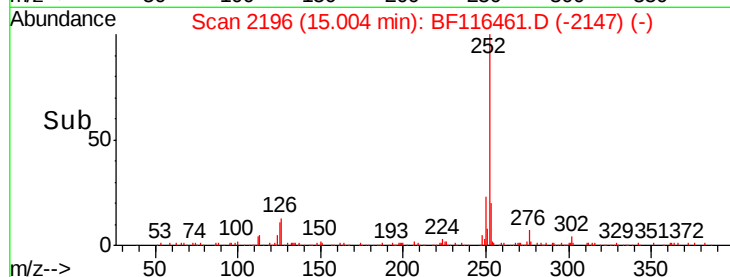
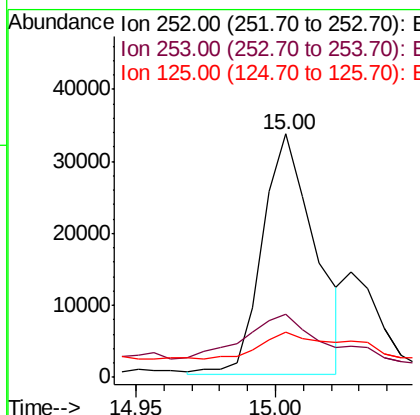
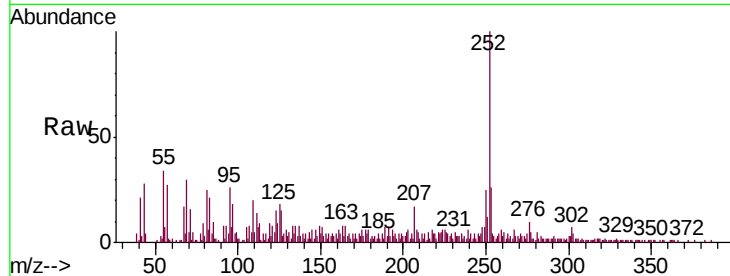
#88
Benzo(b)fluoranthene
Concen: 3.026 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-2-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.8
125	18.4	8.4	12.6

Manual Integrations
APPROVED

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#90
Benzo(a)pyrene
Concen: 2.028 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF116461.D
Acq: 21 Aug 2019 13:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.0	27.0
125	22.1	8.9	13.3

