

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116366.D
 Acq On : 17 Aug 2019 19:13
 Operator : HP/JU
 Sample : K4223-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Manual Integrations
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Quant Time: Aug 19 07:17:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	138732	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	537736	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	275247	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	444086	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	274036	20.00	ng	-0.04
87) Perylene-d12	15.43	264	304631	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	737474	88.99	ng	-0.03
7) Phenol-d6	6.45	99	943796	90.27	ng	-0.04
23) Nitrobenzene-d5	7.37	82	605245	64.97	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	229146	85.87	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	889582	60.54	ng	-0.04
79) Terphenyl-d14	12.90	244	744773	57.27	ng	-0.05
Target Compounds						
50) Dimethylphthalate	9.56	163	208648	11.133	ng	99
71) Phenanthrene	11.35	178	51368	2.263	ng	98
75) Fluoranthene	12.54	202	100855	4.243	ng	99
78) Pyrene	12.77	202	85080	4.119	ng	98
81) Benzo(a)anthracene	13.96	228	37042	2.115	ng	97
83) Chrysene	14.00	228	38892	2.287	ng	98
88) Benzo(b)fluoranthene	15.01	252	51005m	2.896	ng	
90) Benzo(a)pyrene	15.37	252	32280	2.050	ng	# 92

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

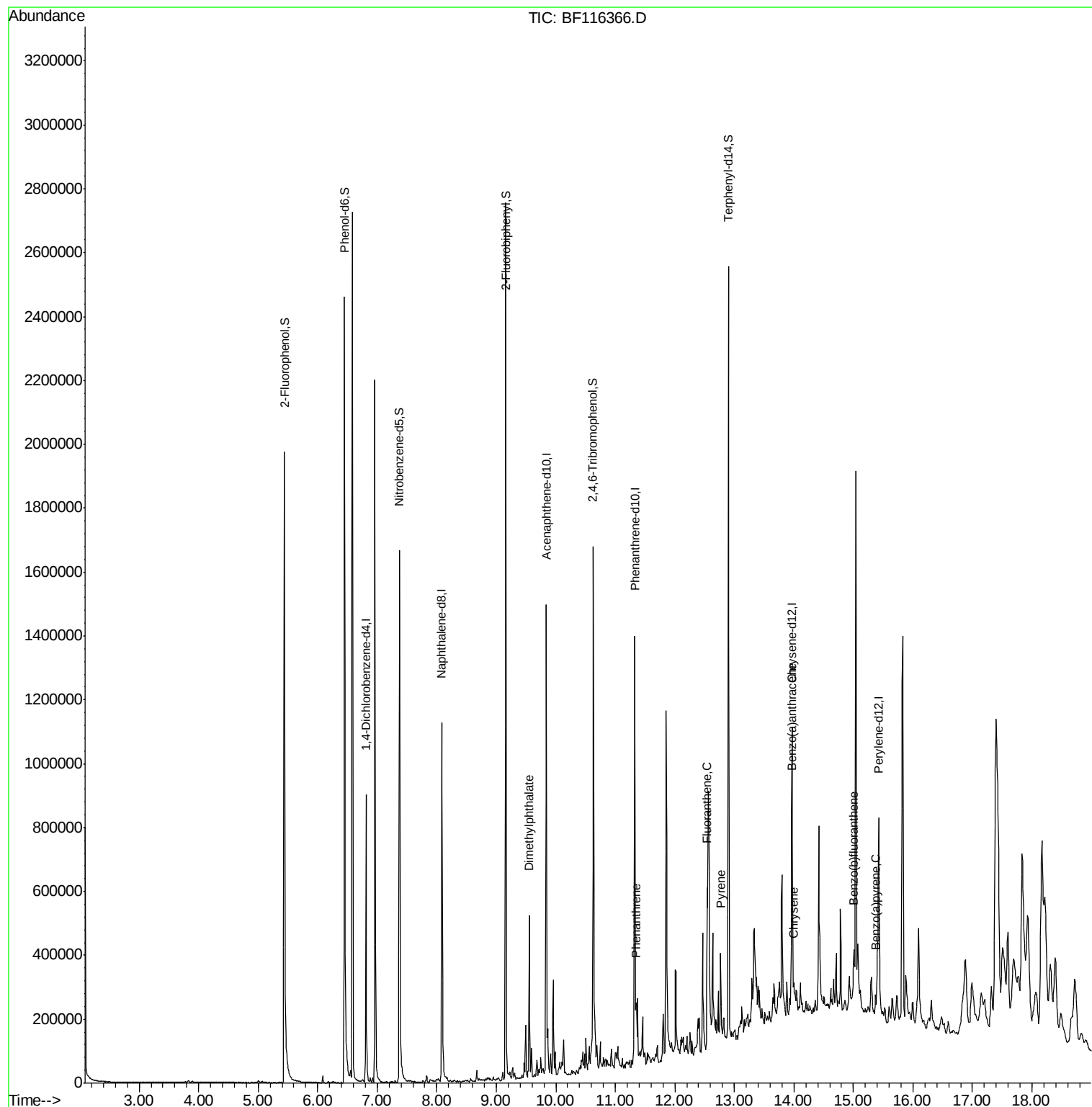
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116366.D
Acq On : 17 Aug 2019 19:13
Operator : HP/JU
Sample : K4223-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

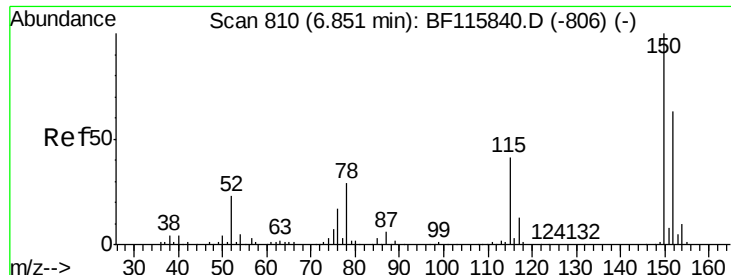
Instrument :
BNA_F
ClientSampleId :
SP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

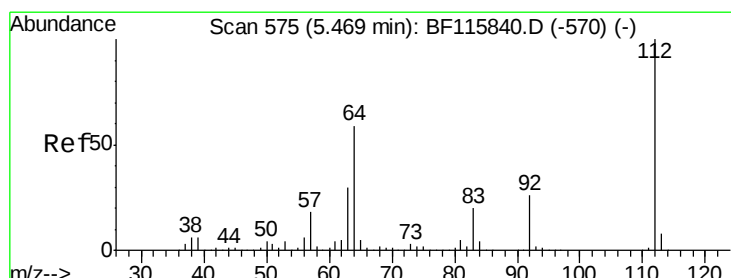
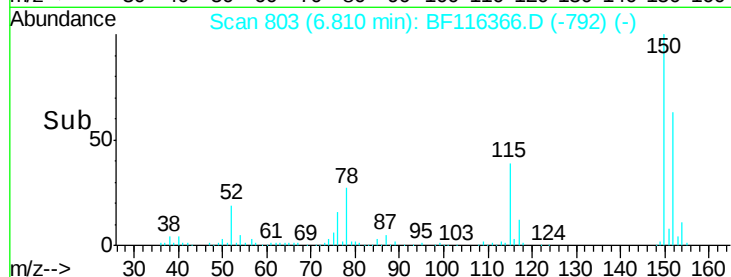
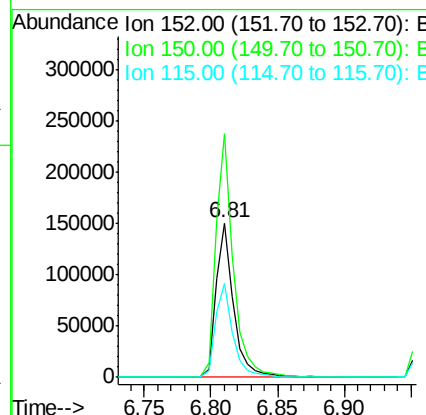
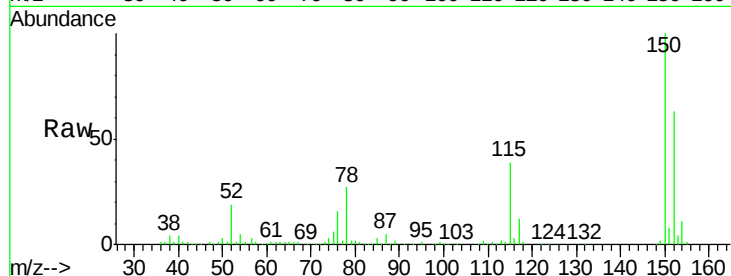
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116366.D
Acq: 17 Aug 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	61.0	49.9	74.9

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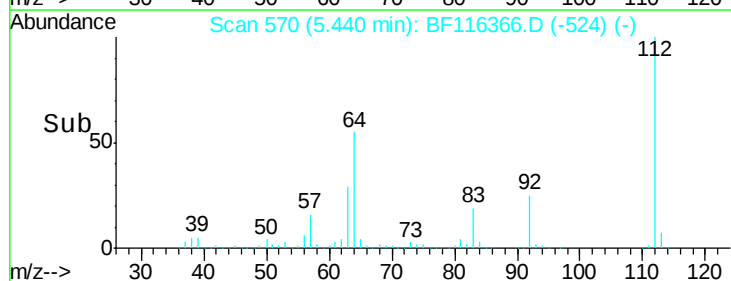
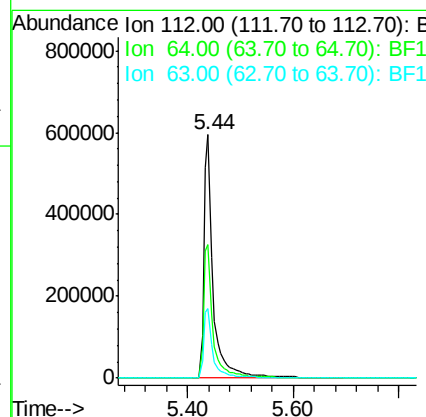
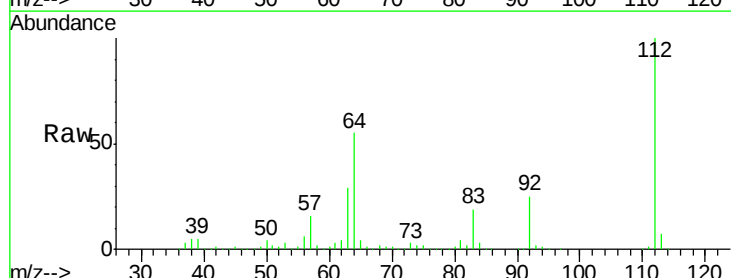
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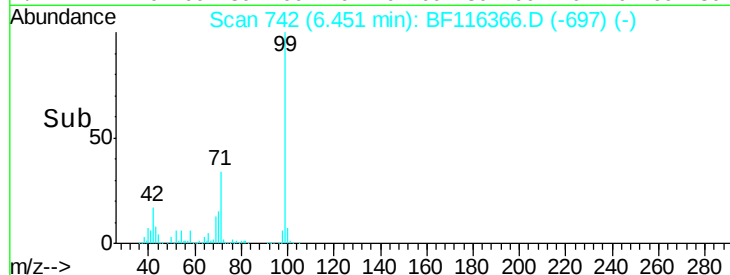
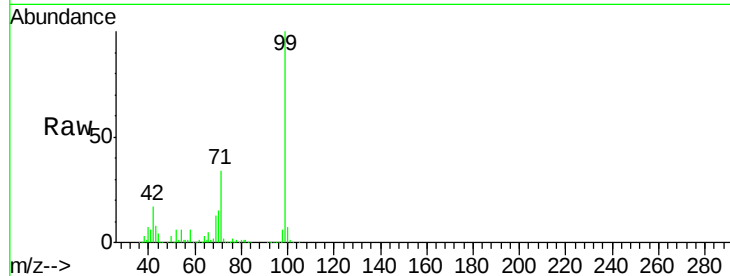


#5

2-Fluorophenol
Concen: 88.990 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116366.D
Acq: 17 Aug 2019 19:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.4	68.2
63	28.8	23.7	35.5





#7

Phenol-d6

Concen: 90.266 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.04 min

Lab File: BF116366.D

Acq: 17 Aug 2019 19:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		943796		
42	16.5	13.8	20.8		
71	33.9	27.3	40.9		

Instrument :

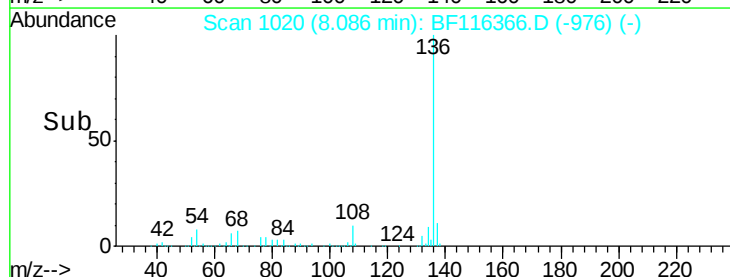
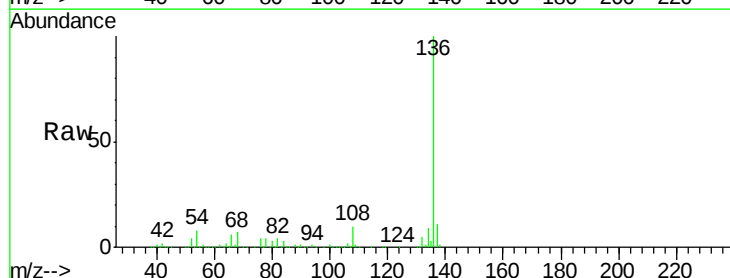
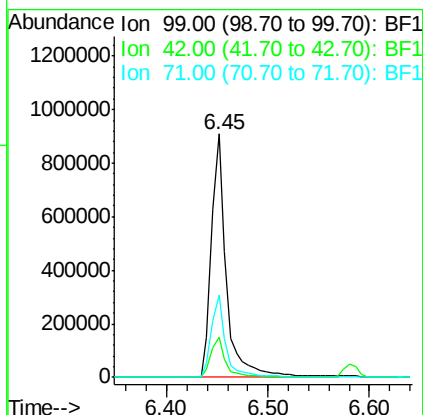
BNA_F

ClientSampleId :

SP-2

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#21

Naphthalene-d8

Concen: 20.000 ng

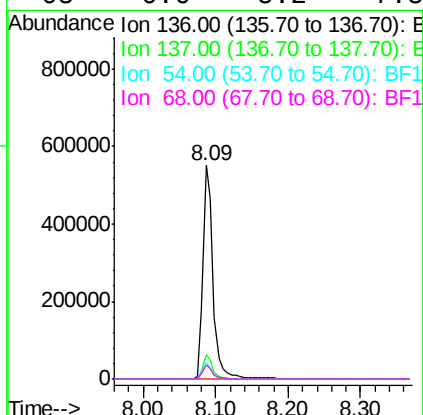
RT: 8.09 min Scan# 1020

Delta R.T. -0.04 min

Lab File: BF116366.D

Acq: 17 Aug 2019 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		537736		
137	11.1	9.0	13.4		
54	7.7	5.8	8.6		
68	6.6	5.2	7.8		





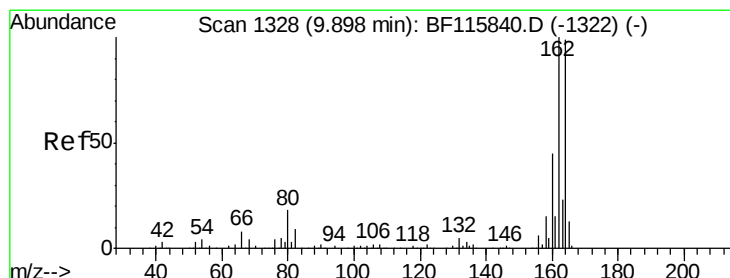
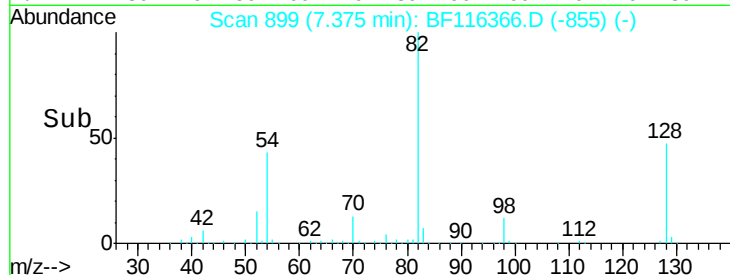
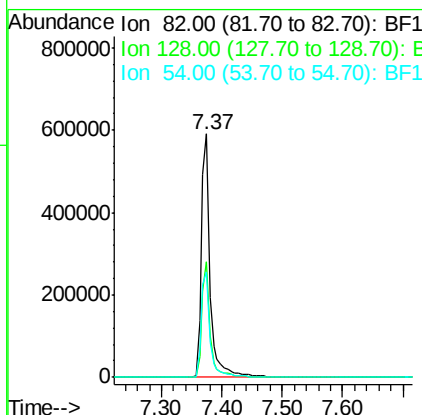
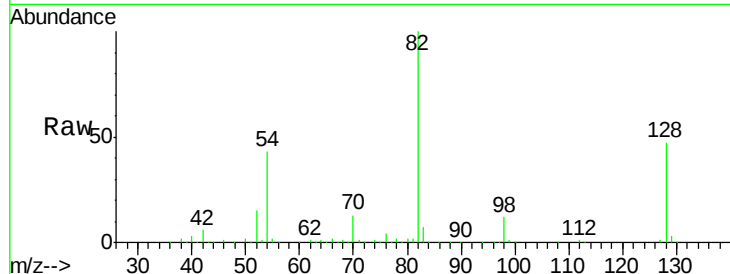
#23
 Nitrobenzene-d5
 Concen: 64.970 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.04 min
 Lab File: BF116366.D
 Acq: 17 Aug 2019 19:13

Instrument :
 BNA_F
 ClientSampled :
 SP-2

Tot Ion	82	Resp	605245
Ion Ratio	Lower	Upper	
82	100		
128	47.2	36.5	54.7
54	43.3	36.0	54.0

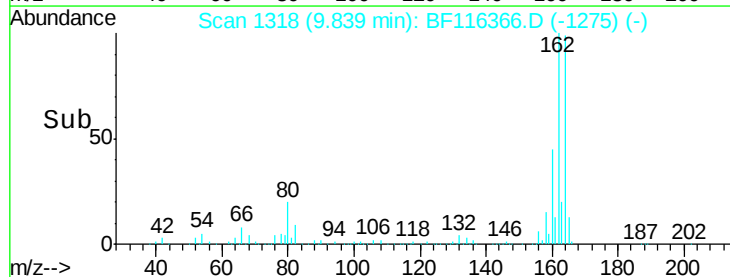
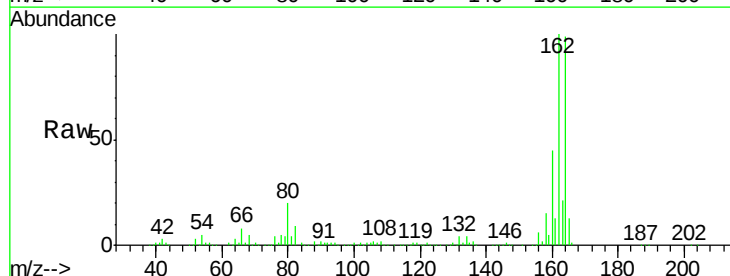
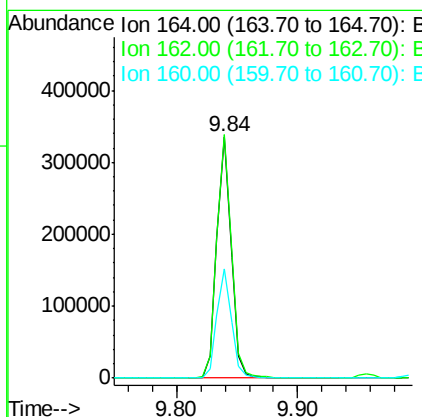
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.05 min
 Lab File: BF116366.D
 Acq: 17 Aug 2019 19:13

Tgt Ion	164	Resp	275247
Ion Ratio	Lower	Upper	
164	100		
162	100.8	82.6	124.0
160	45.5	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 85.868 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.04 min

Lab File: BF116366.D

Acq: 17 Aug 2019 19:13

Instrument :

BNA_F

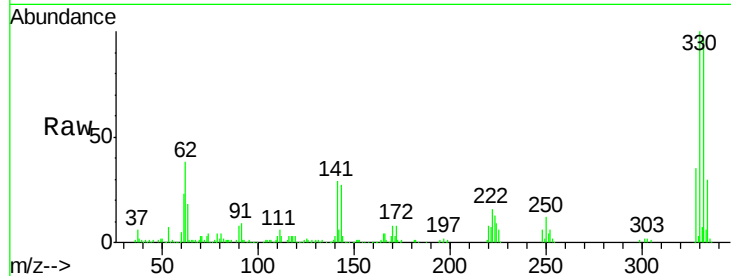
ClientSampled :

SP-2

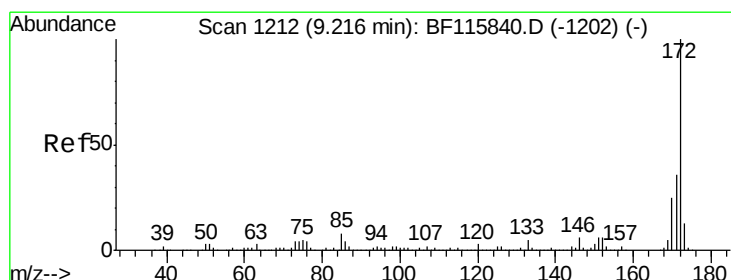
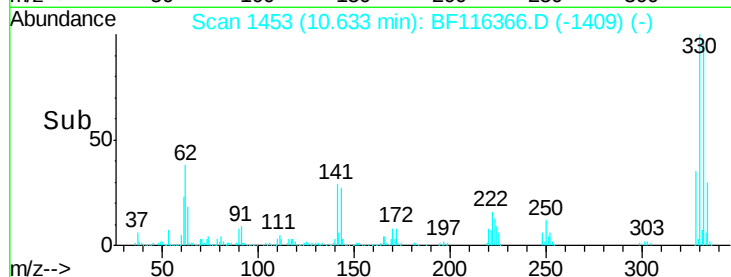
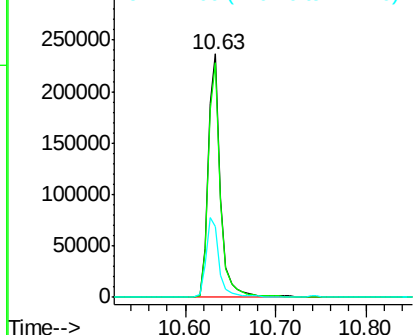
Tot Ion:	330	Resp:	229146
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.8	115.2
141	35.2	26.3	39.5

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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: 60.537 ng

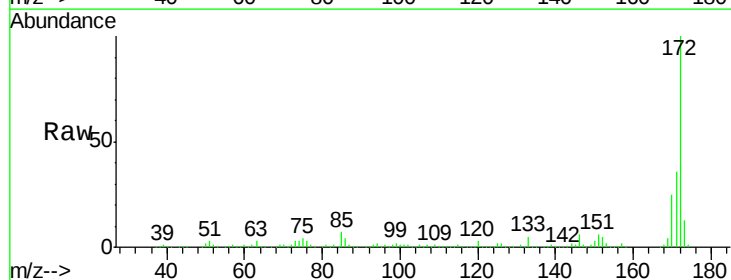
RT: 9.16 min Scan# 1203

Delta R.T. -0.04 min

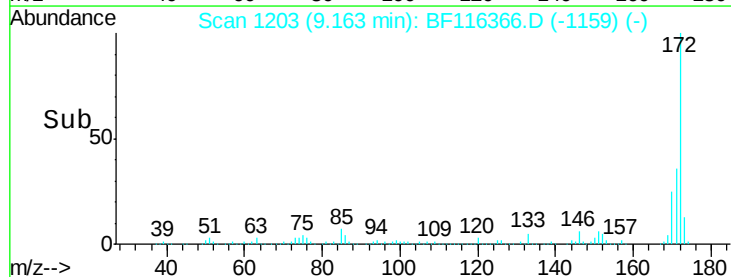
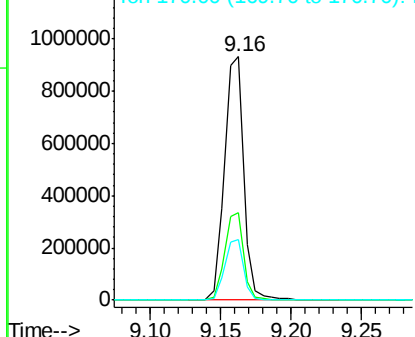
Lab File: BF116366.D

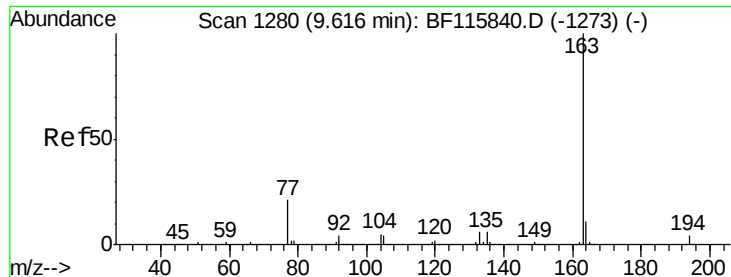
Acq: 17 Aug 2019 19:13

Tgt Ion:	172	Resp:	889582
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.6	44.4
170	24.7	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





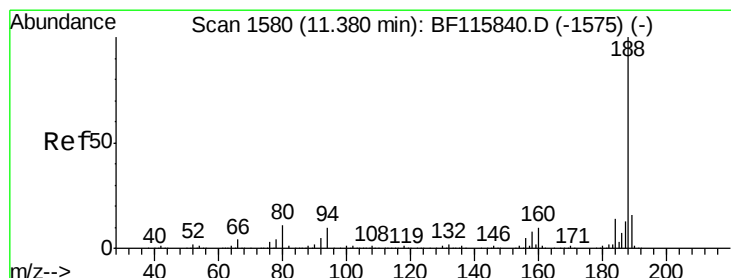
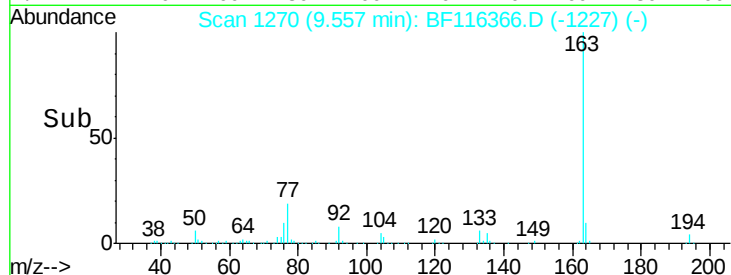
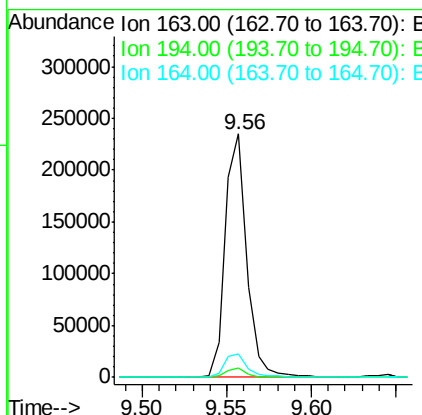
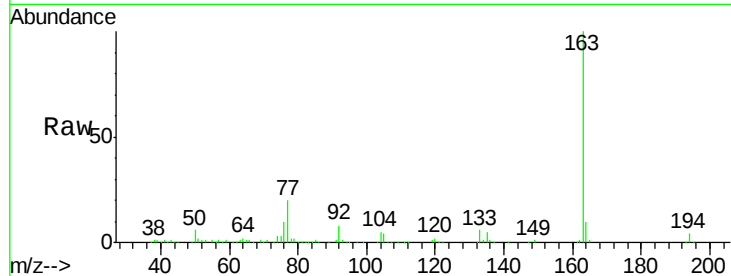
#50
Dimethylphthalate
Concen: 11.133 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.05 min
Lab File: BF116366.D
Acq: 17 Aug 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	208648		
194	3.9		3.0	4.6
164	9.8		8.4	12.6

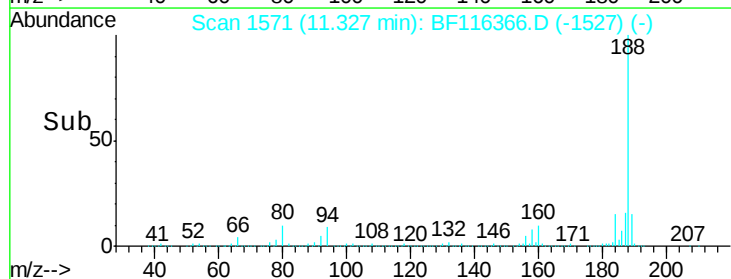
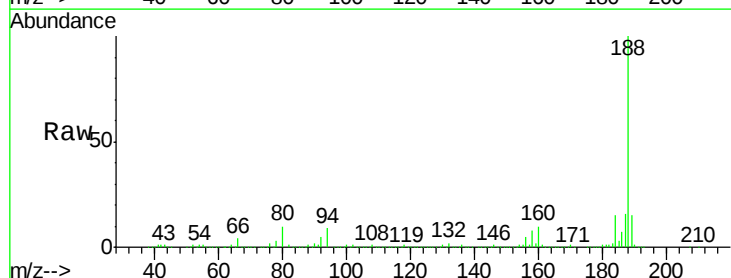
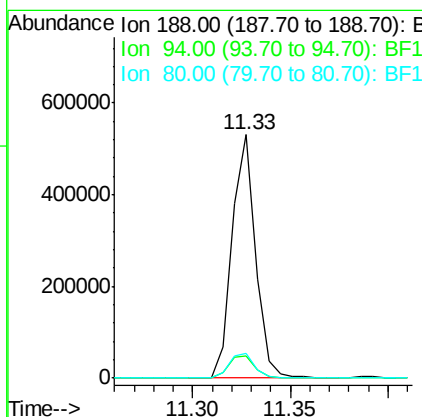
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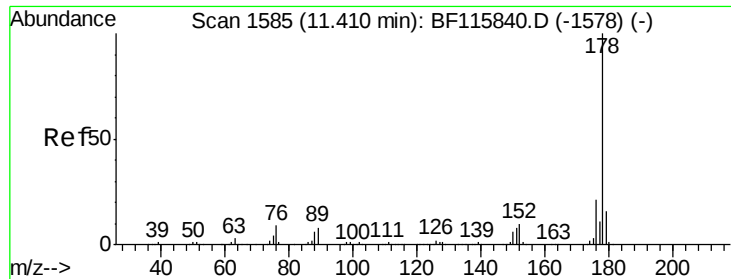
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.04 min
Lab File: BF116366.D
Acq: 17 Aug 2019 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	444086		
94	9.4		8.1	12.1
80	10.0		8.7	13.1





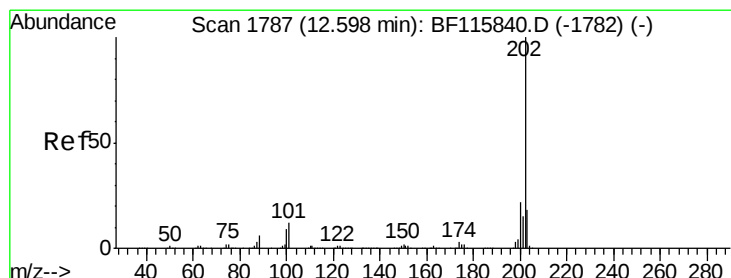
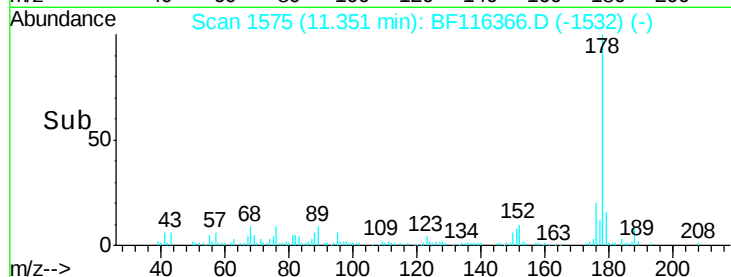
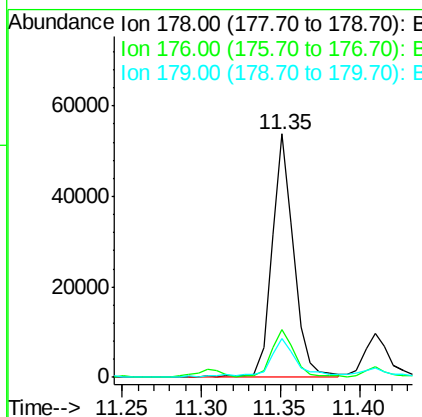
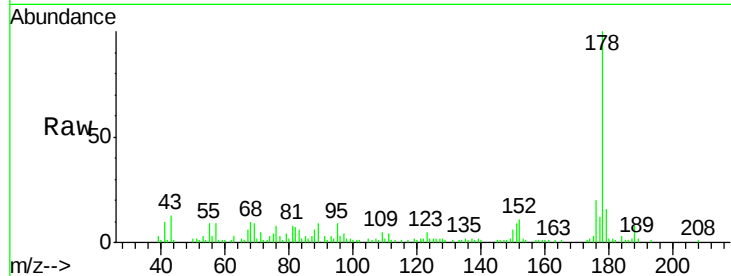
#71
Phenanthrene
Concen: 2.263 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.05 min
Lab File: BF116366.D
Acq: 17 Aug 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	24.8
179	16.2	12.5	18.7

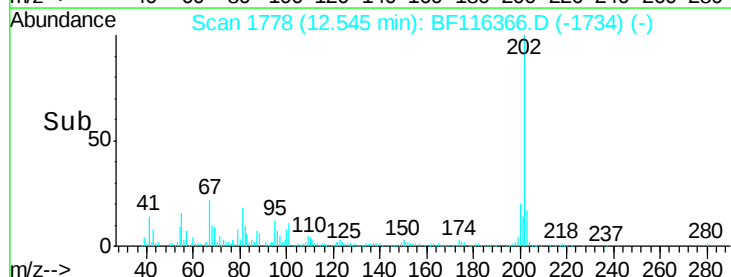
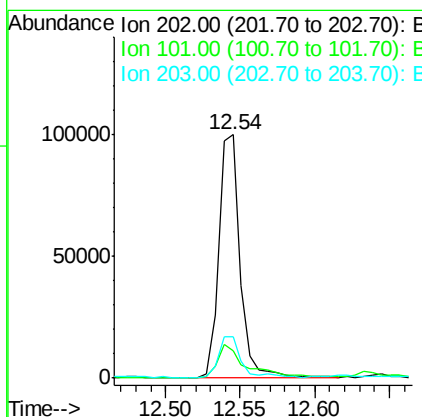
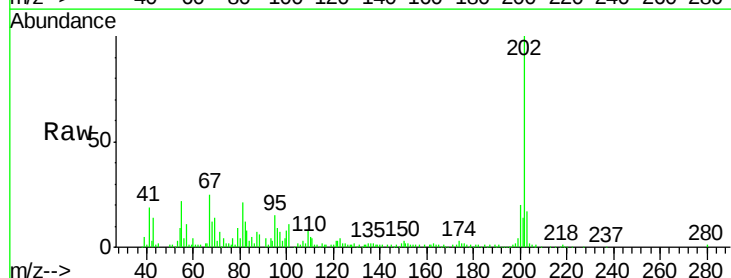
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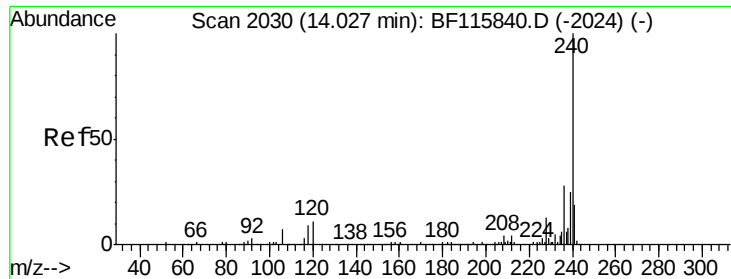
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#75
Fluoranthene
Concen: 4.243 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.04 min
Lab File: BF116366.D
Acq: 17 Aug 2019 19:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.2
203	17.2	0.0	37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.04 min

Lab File: BF116366.D

Acq: 17 Aug 2019 19:13

Instrument :

BNA_F

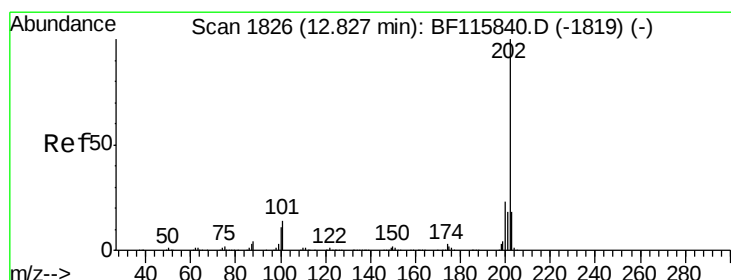
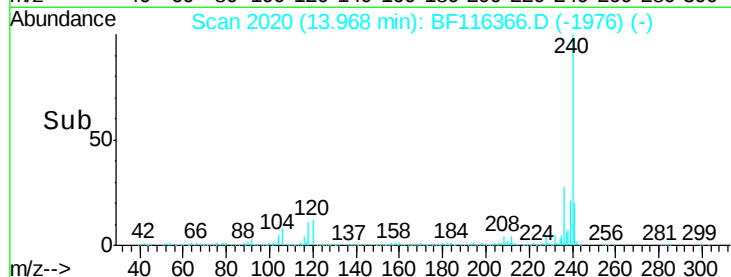
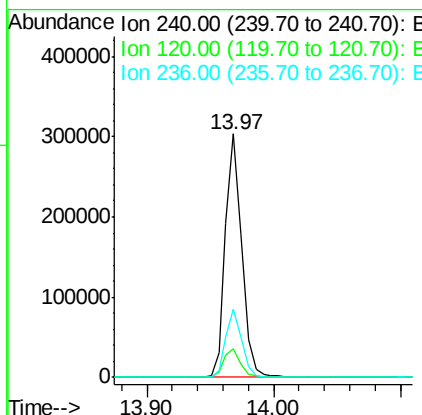
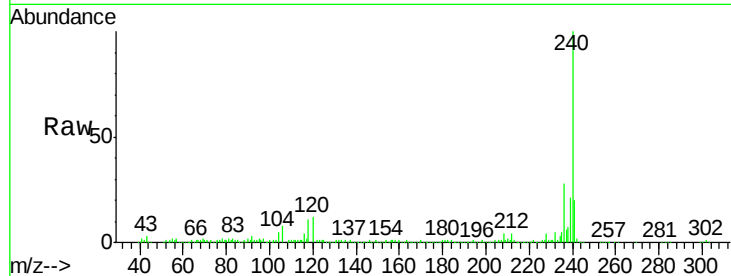
ClientSampleId :

SP-2

Tot Ion:	240	Resp:	274036
Ion Ratio	Lower	Upper	
240	100		
120	11.9	10.7	16.1
236	27.9	22.2	33.2

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#78

Pyrene

Concen: 4.119 ng

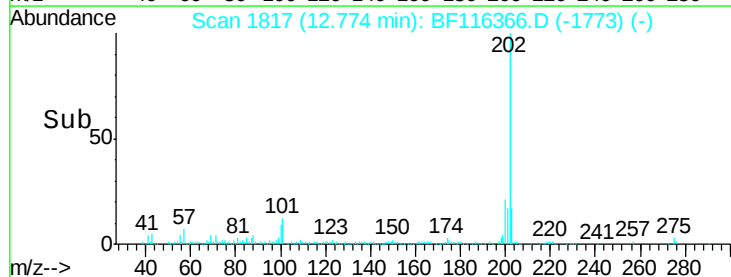
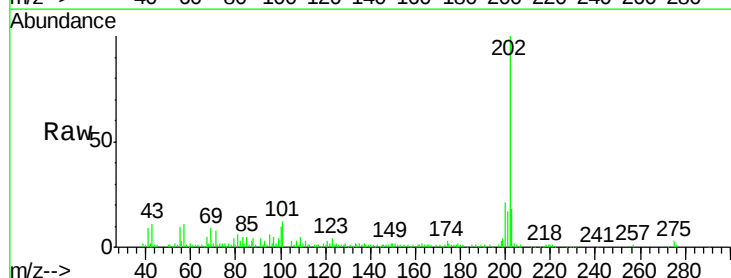
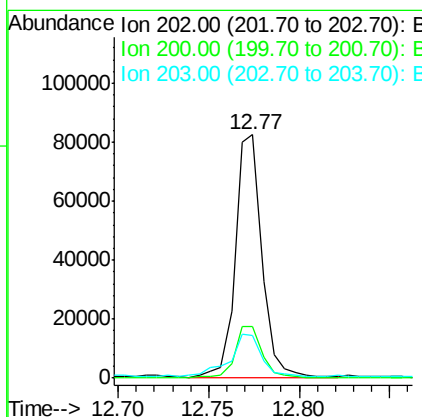
RT: 12.77 min Scan# 1817

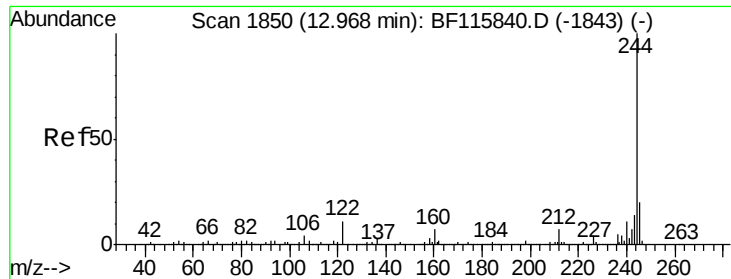
Delta R.T. -0.04 min

Lab File: BF116366.D

Acq: 17 Aug 2019 19:13

Tgt Ion:	202	Resp:	85080
Ion Ratio	Lower	Upper	
202	100		
200	21.0	18.0	27.0
203	17.6	14.1	21.1





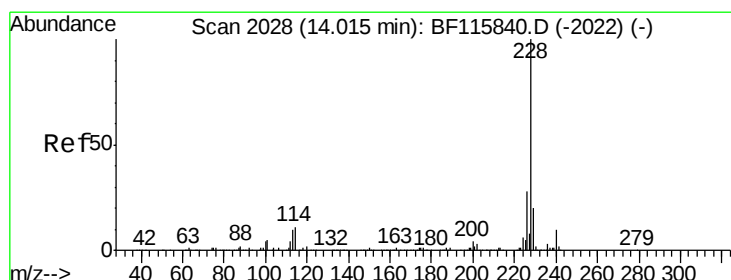
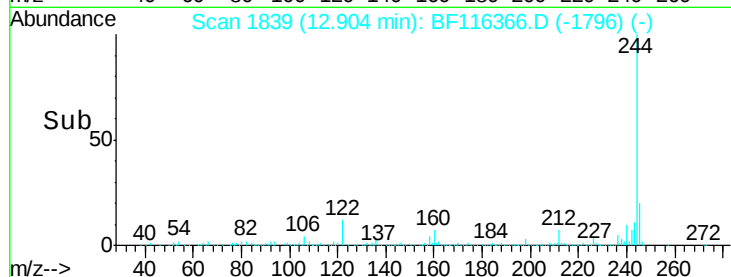
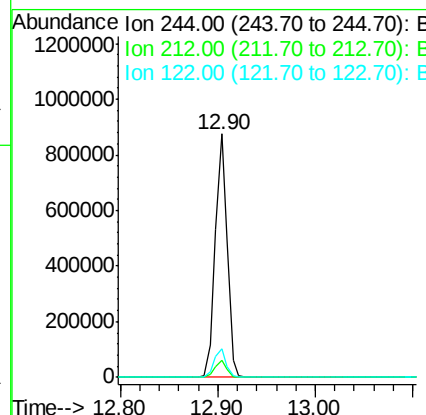
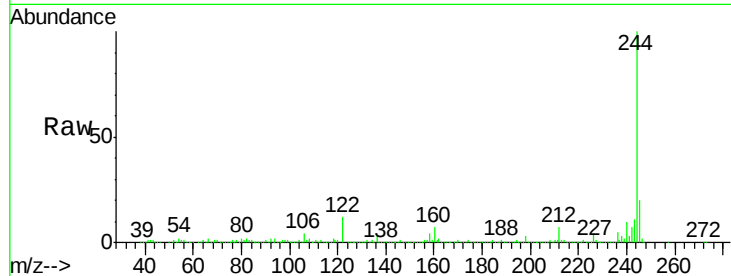
#79
 Terphenyl-d14
 Concen: 57.268 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.05 min
 Lab File: BF116366.D
 Acq: 17 Aug 2019 19:13

Instrument :
 BNA_F
 ClientSampled :
 SP-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.8	9.0	13.4

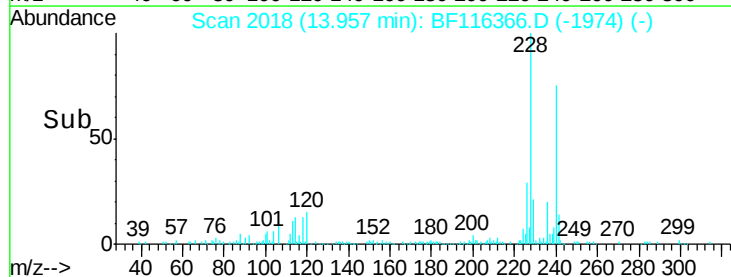
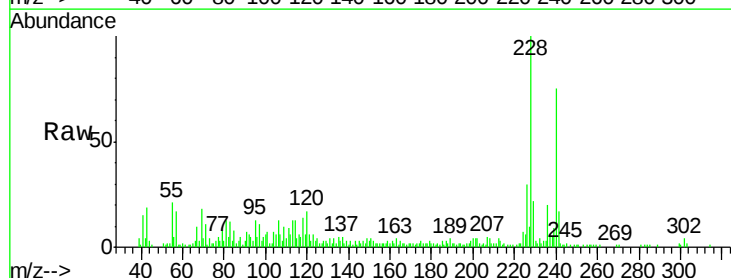
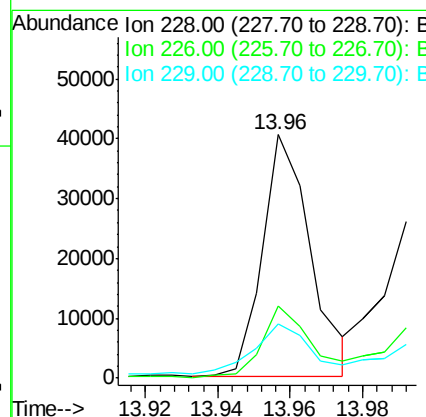
Manual Integrations
 APPROVED

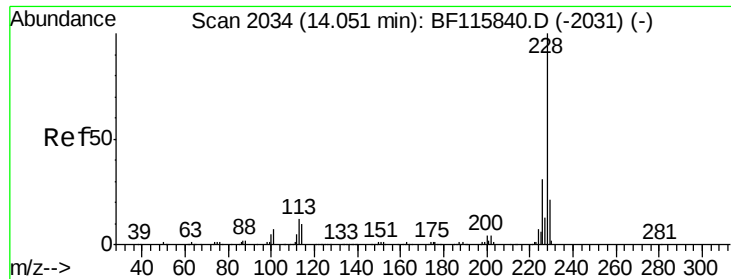
Jagrut
 8/19/2019 3:31:09 PM



#81
 Benzo(a)anthracene
 Concen: 2.115 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.04 min
 Lab File: BF116366.D
 Acq: 17 Aug 2019 19:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.7	34.1
229	22.2	16.2	24.4





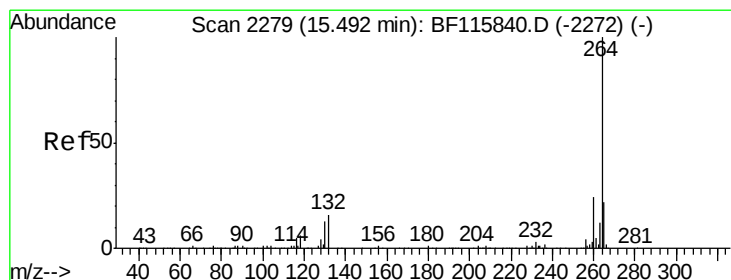
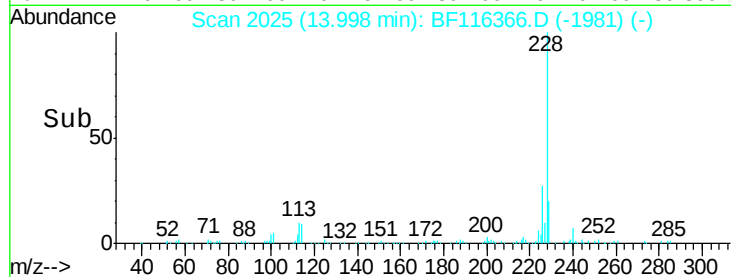
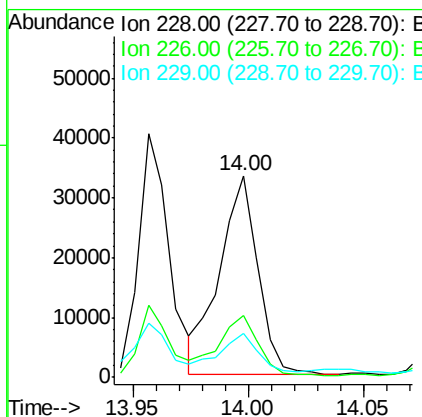
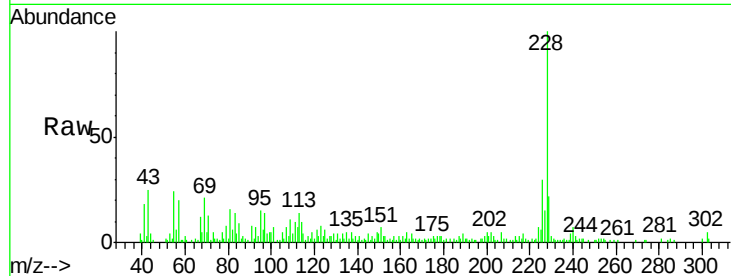
#83
 Chrysene
 Concen: 2.287 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.04 min
 Lab File: BF116366.D
 Acq: 17 Aug 2019 19:13

Instrument :
 BNA_F
 ClientSampled :
 SP-2

Tot Ion:	228	Resp:	38892
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.5	38.3
229	21.7	16.6	24.8

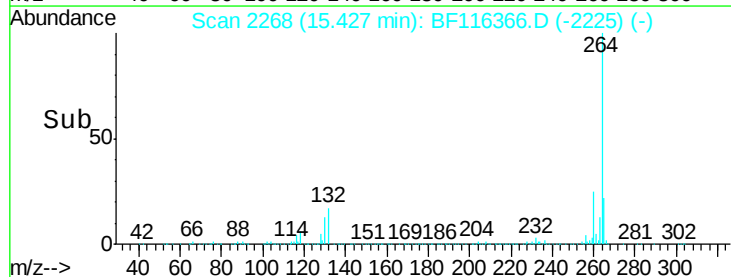
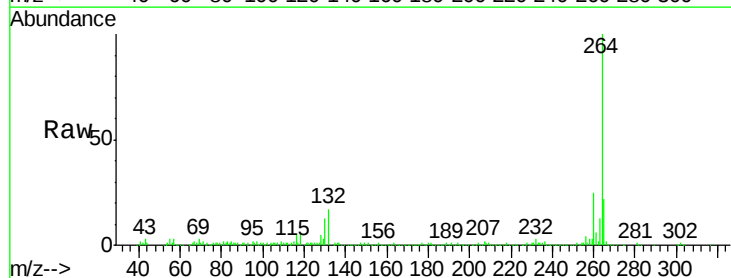
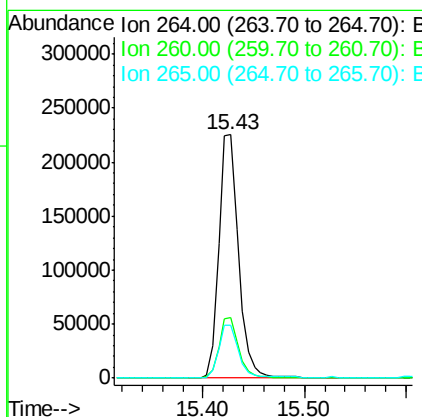
Manual Integrations
 APPROVED

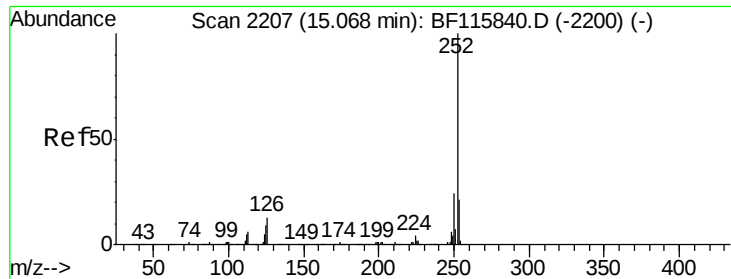
Jagrut
 8/19/2019 3:31:09 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.05 min
 Lab File: BF116366.D
 Acq: 17 Aug 2019 19:13

Tgt Ion:	264	Resp:	304631
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.7	29.5
265	21.9	17.4	26.0





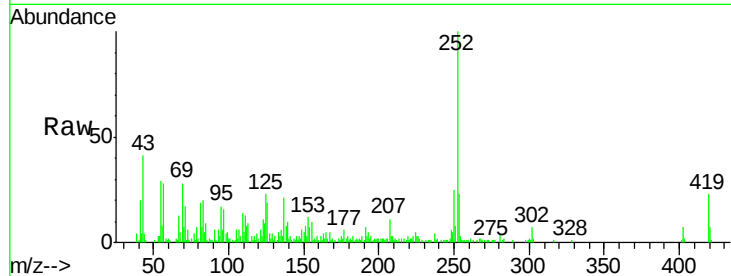
#88
Benzo(b)fluoranthene
Concen: 2.896 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF116366.D
Acq: 17 Aug 2019 19:13

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	22.6	8.4	12.6

Manual Integrations
APPROVED

Jagrut
8/19/2019 3:31:09 PM

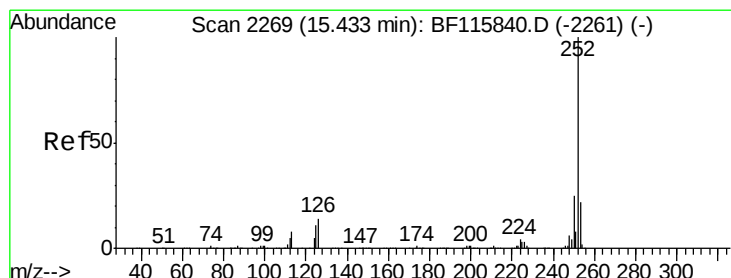
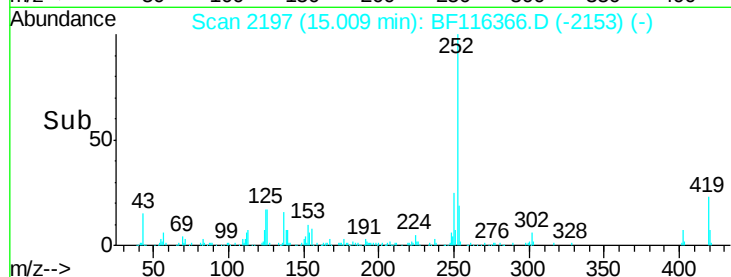
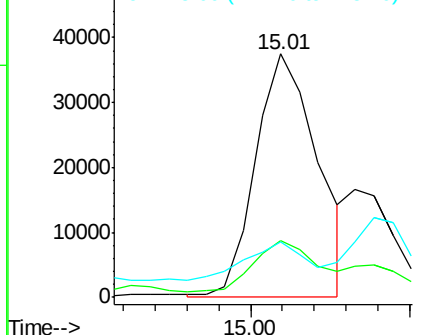


Abundance

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



#90
Benzo(a)pyrene
Concen: 2.050 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.04 min
Lab File: BF116366.D
Acq: 17 Aug 2019 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	16.5	8.9	13.3

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

