

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116406.D
 Acq On : 19 Aug 2019 23:44
 Operator : HP/JU
 Sample : K4223-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Manual Integrations
 APPROVED

mohammad
 8/22/2019 12:45:40 PM

Quant Time: Aug 20 03:32:36 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	6.80	152	106967	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	431532	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	239279	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	439525	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	282340	20.00	ng	-0.02
87) Perylene-d12	15.42	264	308077	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	700479	109.63	ng	0.00
7) Phenol-d6	6.45	99	925539	114.81	ng	-0.01
23) Nitrobenzene-d5	7.37	82	580791	77.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	264593	114.05	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	920124	72.03	ng	-0.02
79) Terphenyl-d14	12.90	244	969999	72.39	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.55	163	238040	14.611	ng	99
71) Phenanthrene	11.35	178	48110	2.141	ng	99
75) Fluoranthene	12.54	202	88814	3.776	ng	98
78) Pyrene	12.77	202	74293	3.491	ng	98
88) Benzo(b)fluoranthene	15.01	252	41773m	2.345	ng	

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

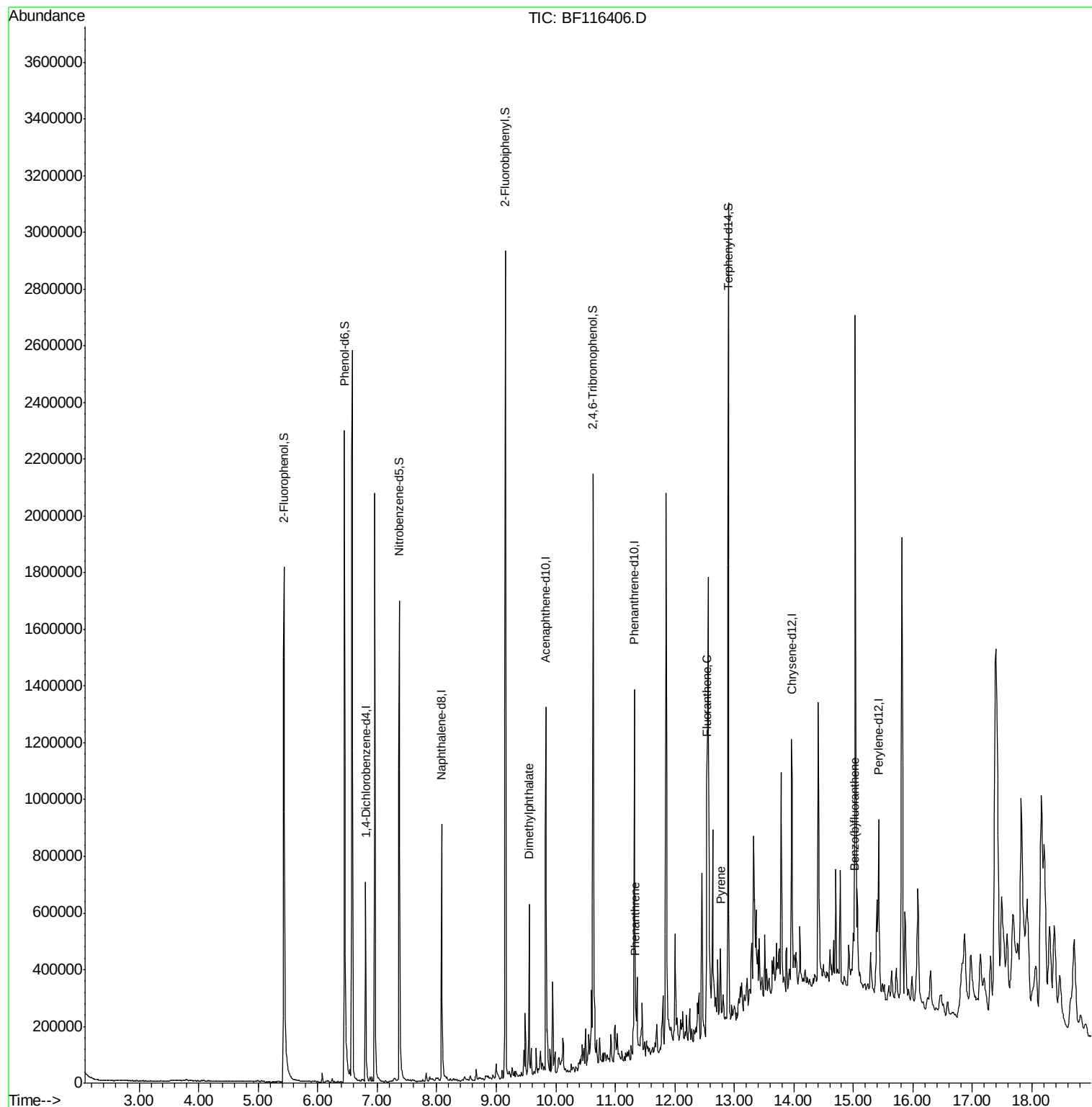
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
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Operator : HP/JU
Sample : K4223-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

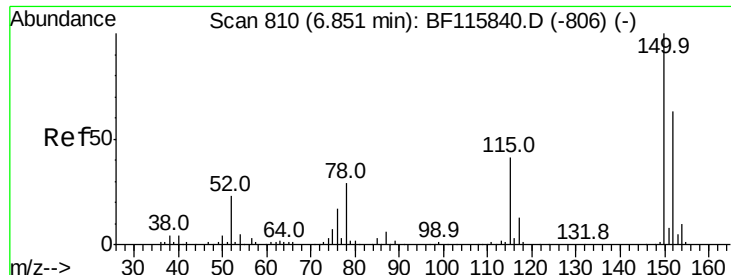
Instrument :
BNA_F
ClientSampleId :
SP-1

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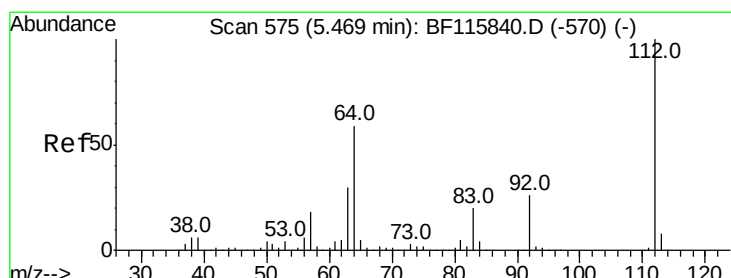
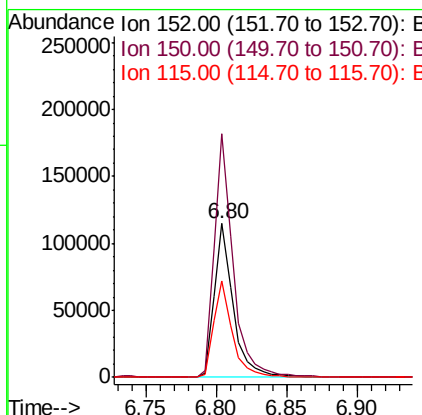
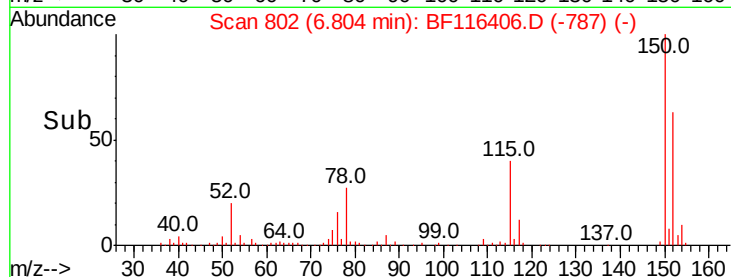
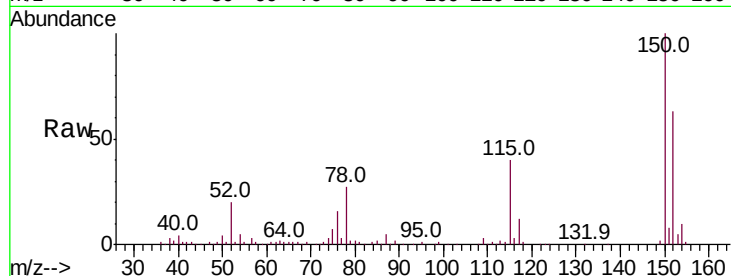
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116406.D
 Acq: 19 Aug 2019 23:44

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	62.7	49.9	74.9

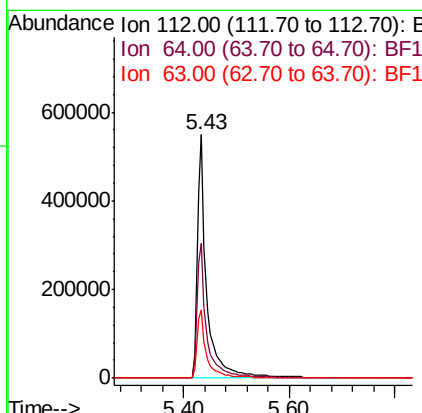
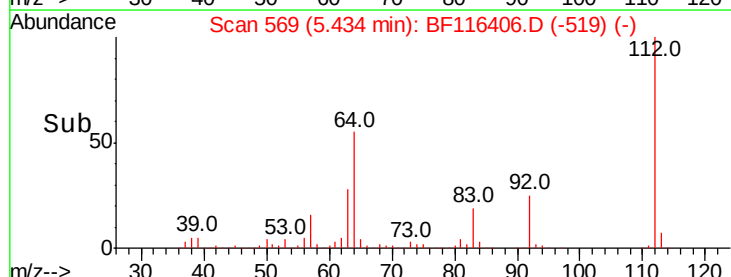
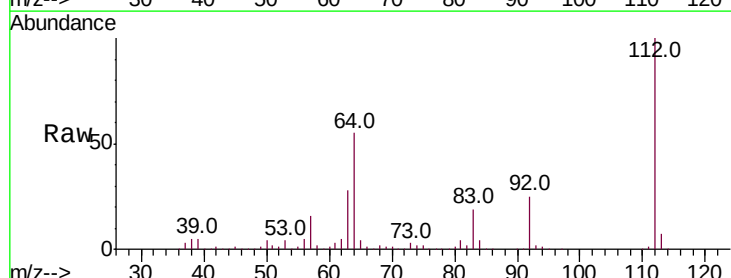
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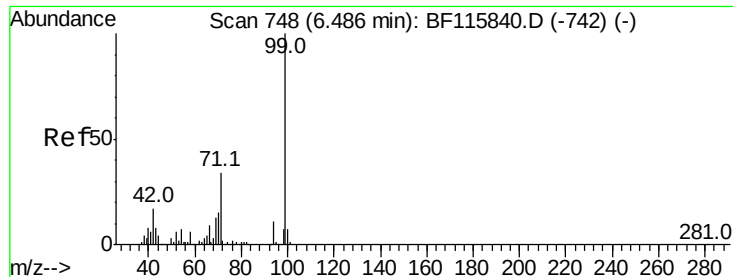
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#5
 2-Fluorophenol
 Concen: 109.627 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF116406.D
 Acq: 19 Aug 2019 23:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	45.4	68.2
63	28.1	23.7	35.5





#7

Phenol-d6

Concen: 114.807 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116406.D

Acq: 19 Aug 2019 23:44

Instrument :

BNA_F

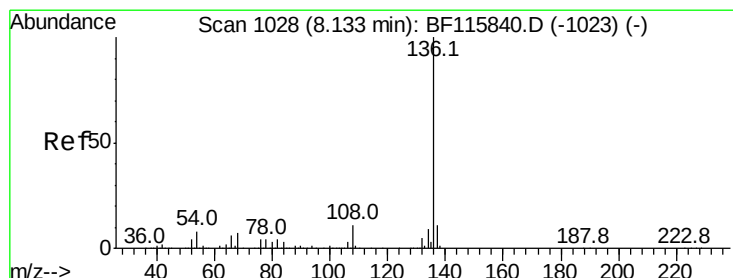
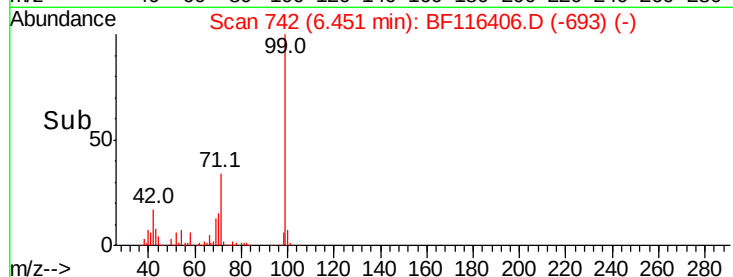
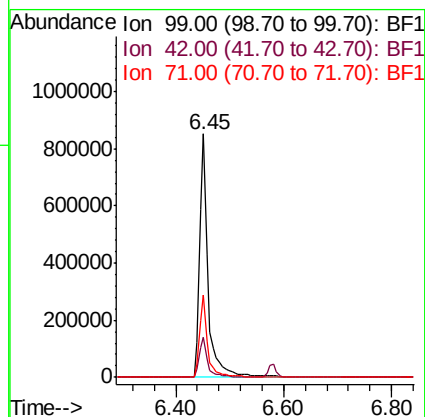
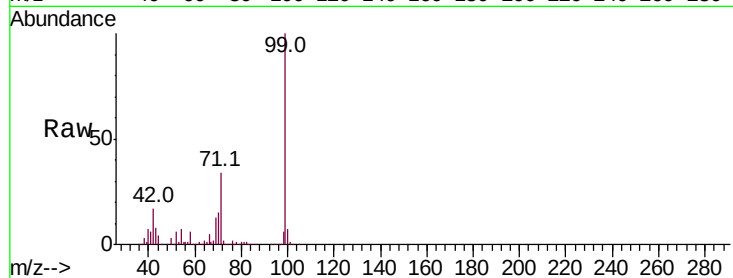
ClientSampled :

SP-1

Tot Ion:	99	Resp:	925539
Ion Ratio	Lower	Upper	
99	100		
42	16.7	13.8	20.8
71	33.7	27.3	40.9

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#21

Naphthalene-d8

Concen: 20.000 ng

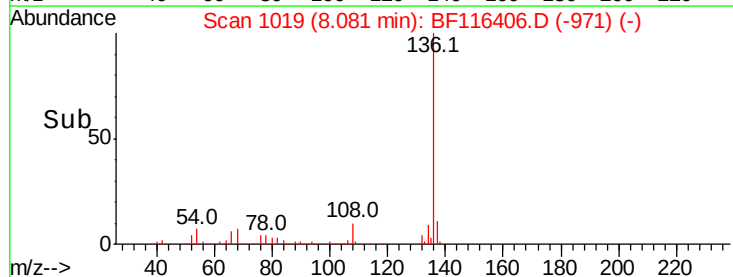
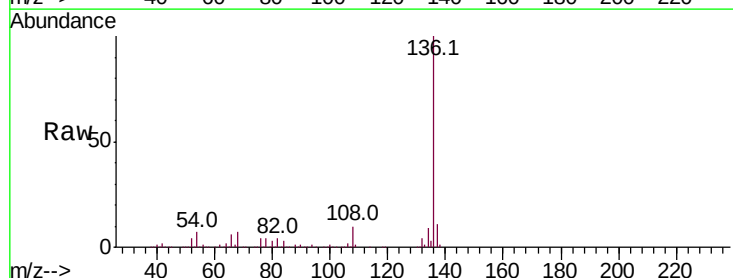
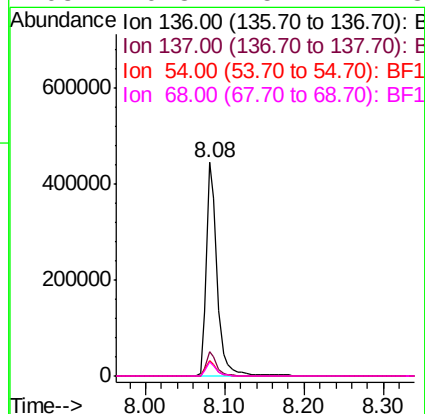
RT: 8.08 min Scan# 1019

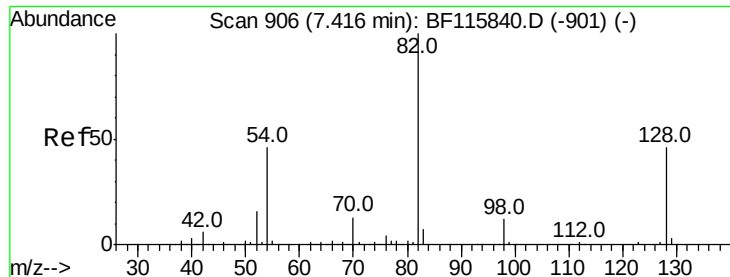
Delta R.T. -0.02 min

Lab File: BF116406.D

Acq: 19 Aug 2019 23:44

Tgt Ion:	136	Resp:	431532
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	7.4	5.8	8.6
68	6.8	5.2	7.8





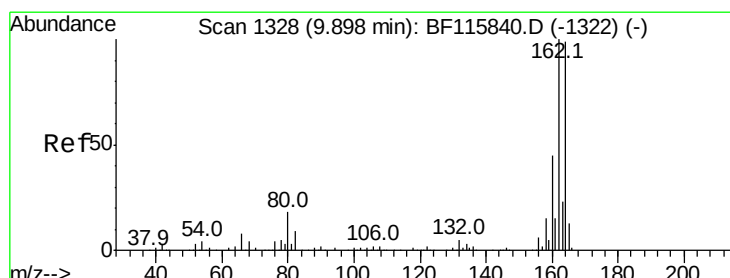
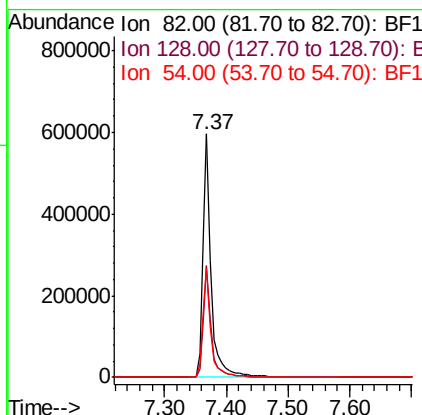
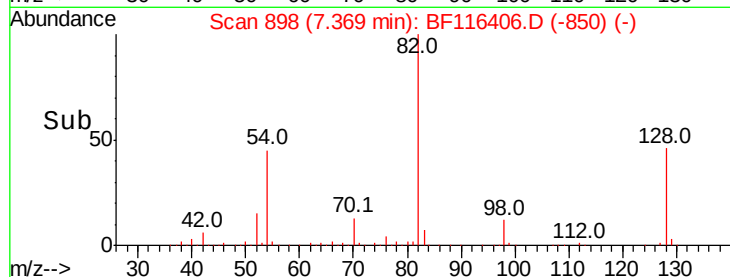
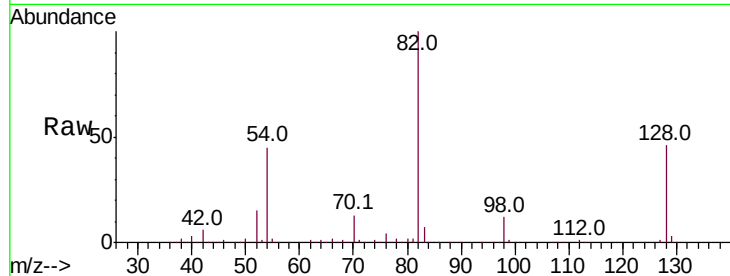
#23
Nitrobenzene-d5
Concen: 77.688 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116406.D
Acq: 19 Aug 2019 23:44

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100	580791		
128	46.0		36.5	54.7
54	45.0		36.0	54.0

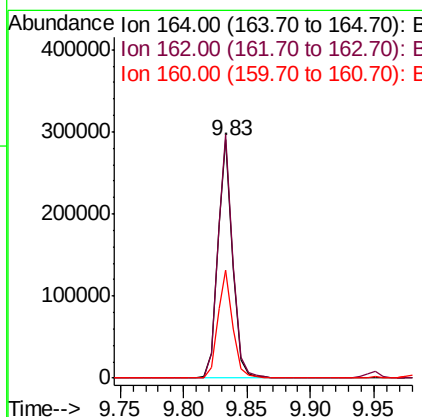
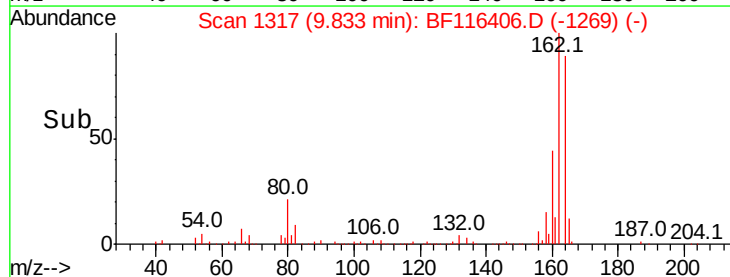
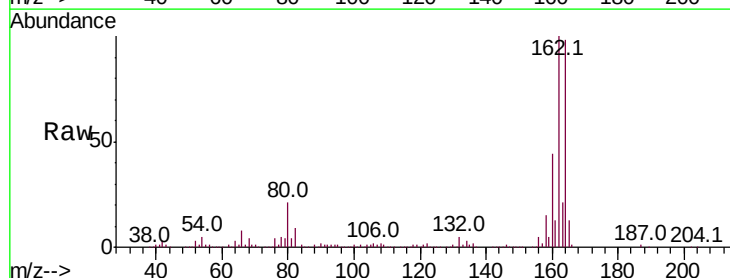
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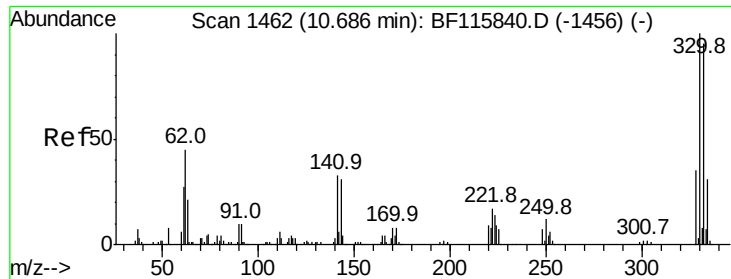
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF116406.D
Acq: 19 Aug 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	239279		
162	102.3		82.6	124.0
160	45.2		37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 114.055 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116406.D

Acq: 19 Aug 2019 23:44

Instrument :

BNA_F

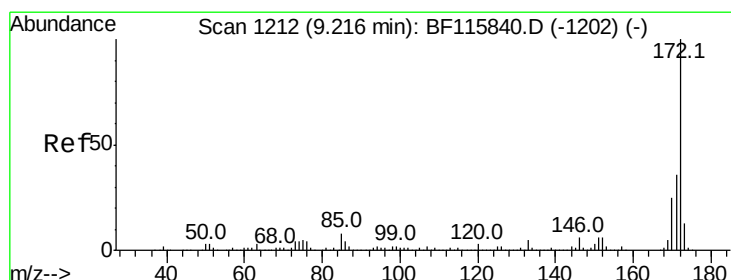
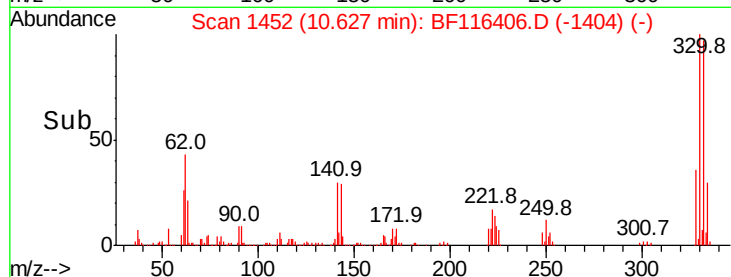
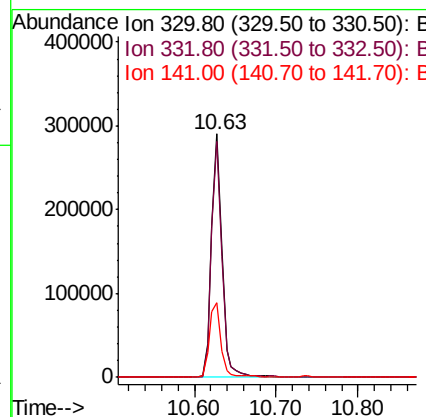
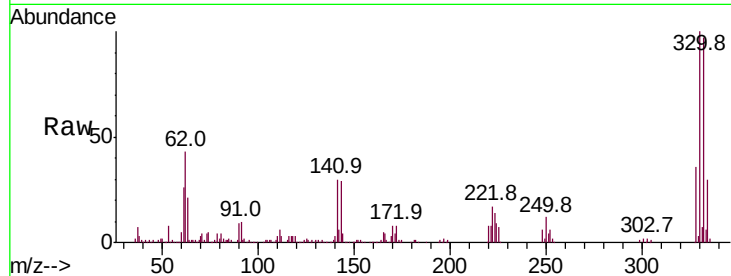
ClientSampled :

SP-1

Tot Ion:	330	Resp:	264593
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.8	115.2
141	32.9	26.3	39.5

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#45

2-Fluorobiphenyl

Concen: 72.027 ng

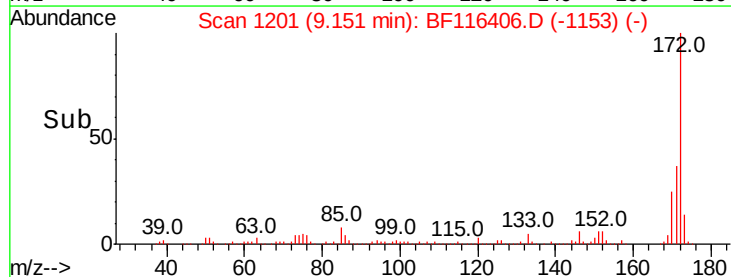
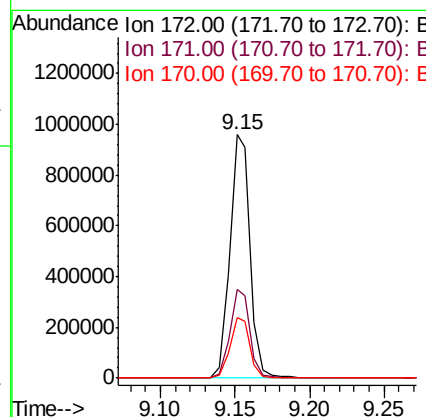
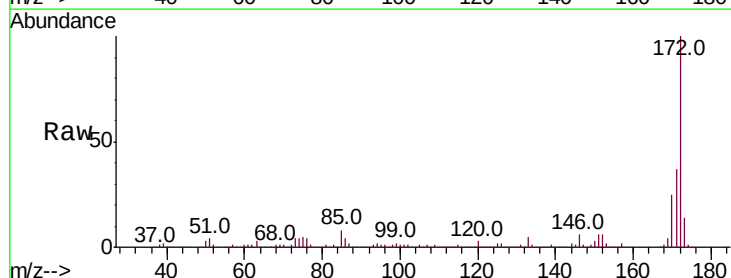
RT: 9.15 min Scan# 1201

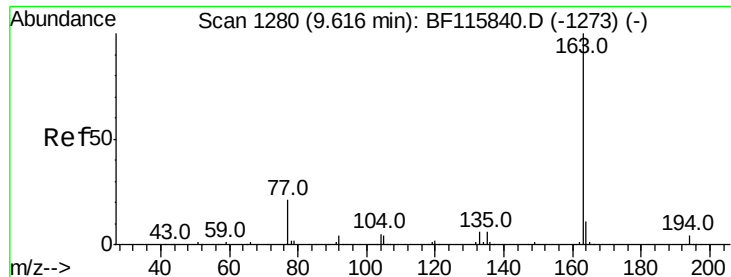
Delta R.T. -0.02 min

Lab File: BF116406.D

Acq: 19 Aug 2019 23:44

Tgt Ion:	172	Resp:	920124
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	24.7	20.1	30.1





#50

Dimethylphthalate

Concen: 14.611 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF116406.D

Acq: 19 Aug 2019 23:44

Instrument :

BNA_F

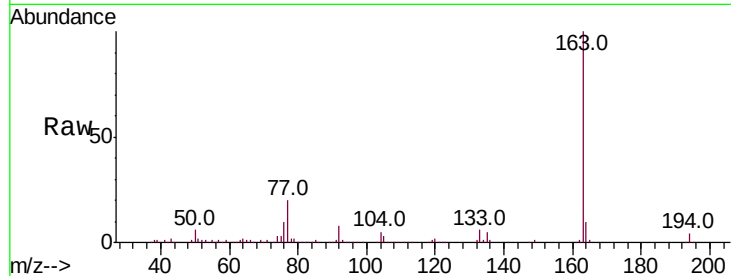
ClientSampleId :

SP-1

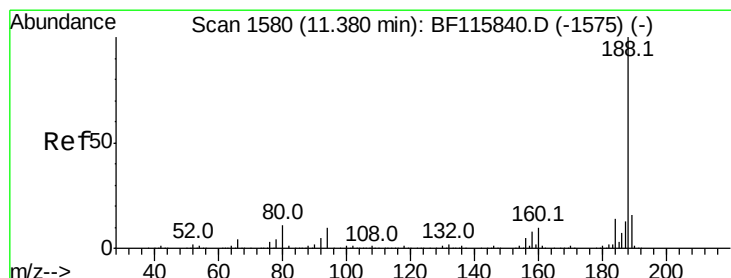
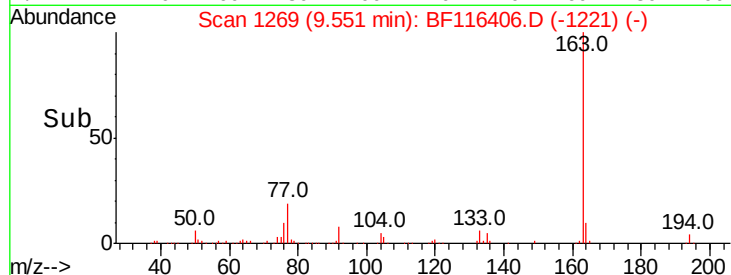
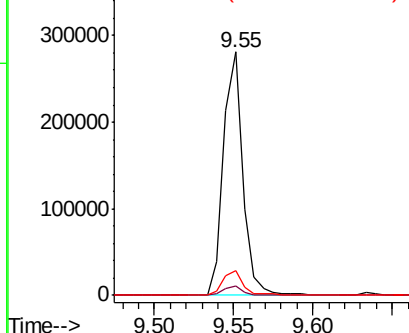
Tot Ion:163	Resp:	238040
Ion Ratio	Lower	Upper
163 100		
194 3.9	3.0	4.6
164 9.9	8.4	12.6

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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



#64

Phenanthrene-d10

Concen: 20.000 ng

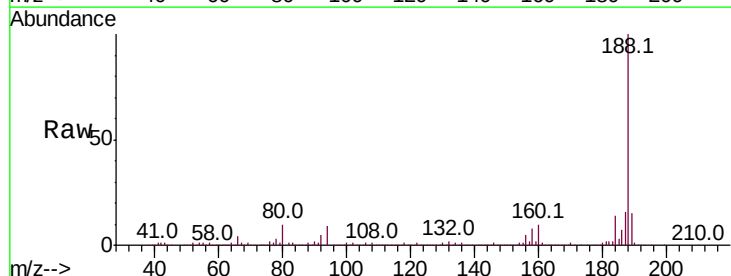
RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

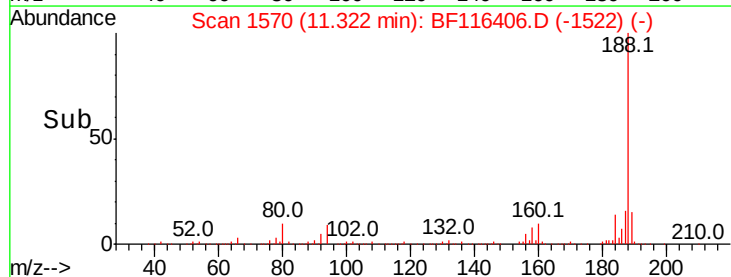
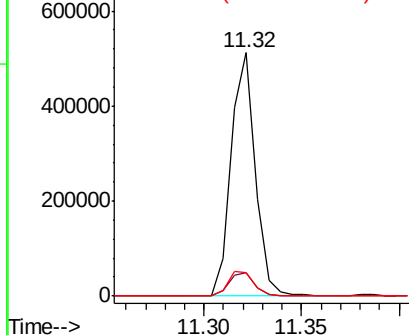
Lab File: BF116406.D

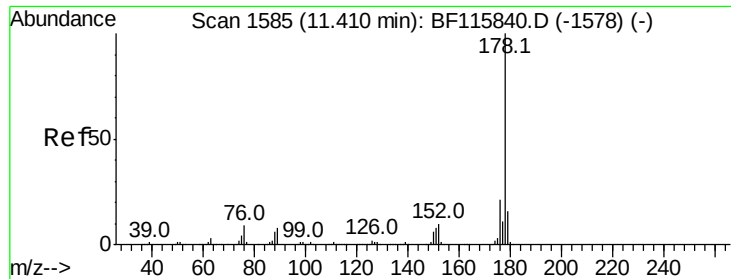
Acq: 19 Aug 2019 23:44

Tgt Ion:188	Resp:	439525
Ion Ratio	Lower	Upper
188 100		
94 9.4	8.1	12.1
80 9.7	8.7	13.1



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





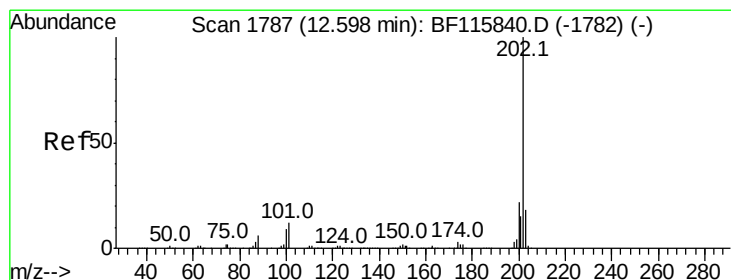
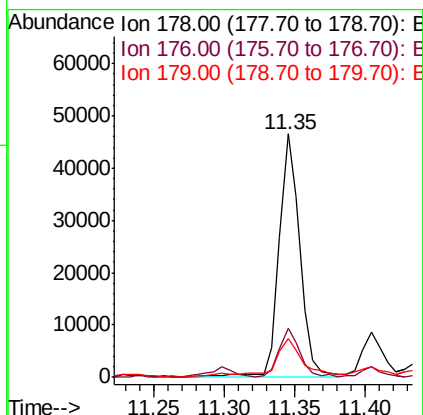
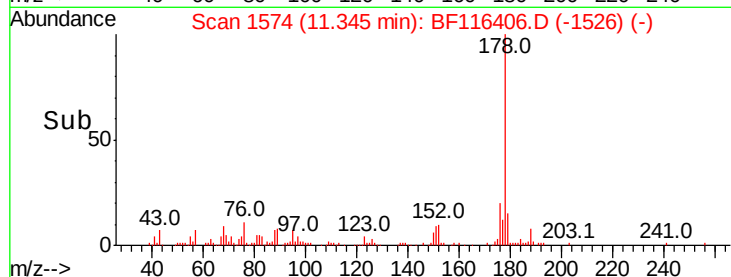
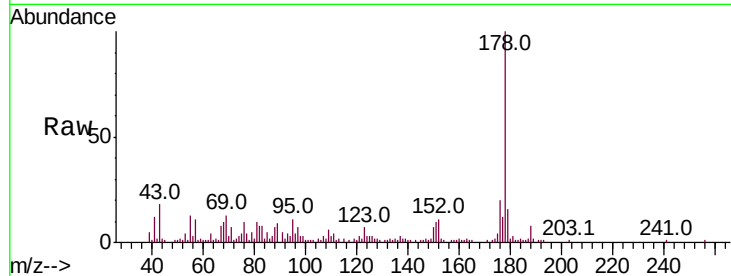
#71
Phenanthrene
Concen: 2.141 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF116406.D
Acq: 19 Aug 2019 23:44

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	24.8
179	15.7	12.5	18.7

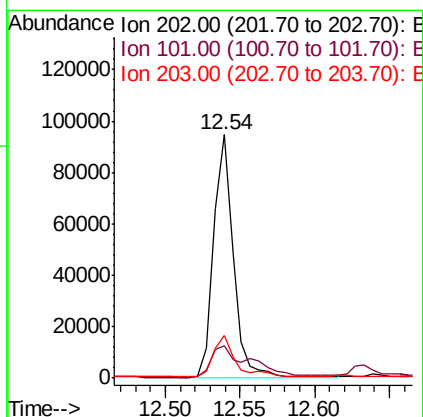
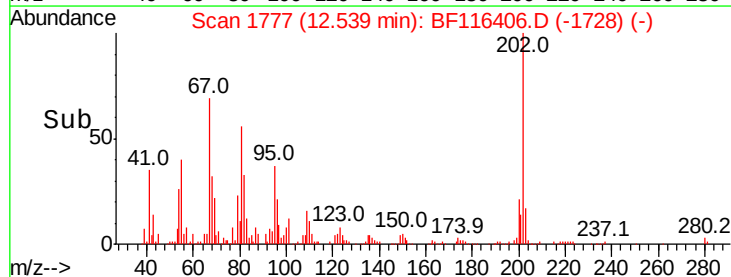
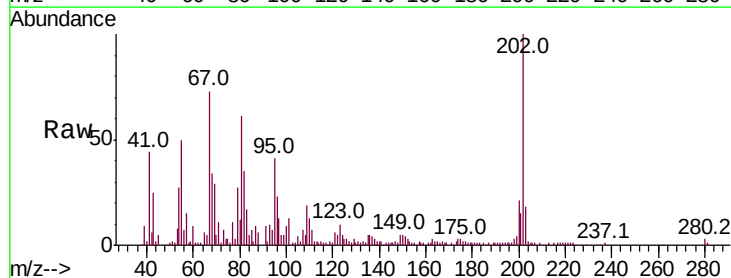
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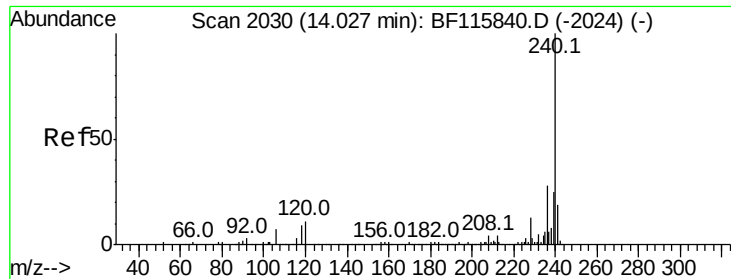
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#75
Fluoranthene
Concen: 3.776 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF116406.D
Acq: 19 Aug 2019 23:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.2
203	17.7	0.0	37.8





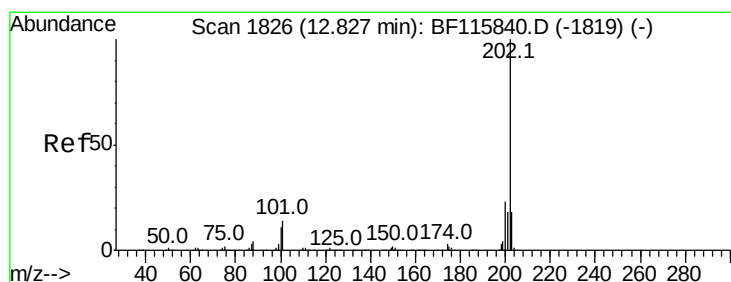
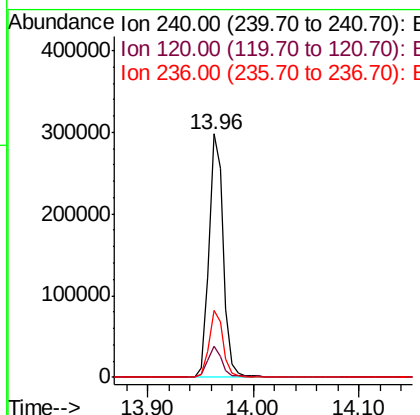
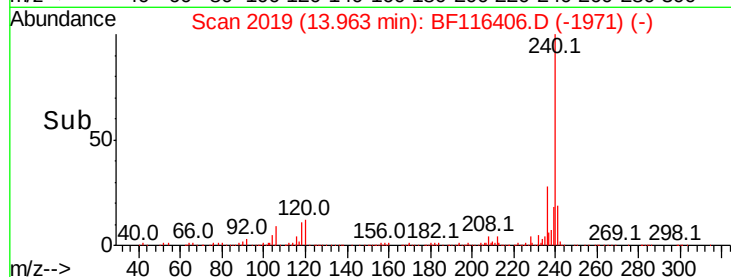
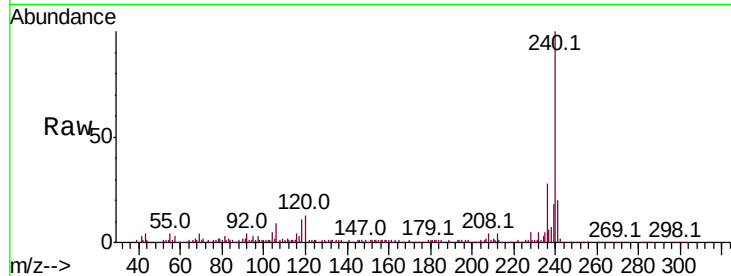
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116406.D
Acq: 19 Aug 2019 23:44

Instrument :
BNA_F
Client Sampled :
SP-1

Tot Ion	Ratio	Resp	Lower	Upper
240	100	282340		
120	13.0	10.7	16.1	
236	27.6	22.2	33.2	

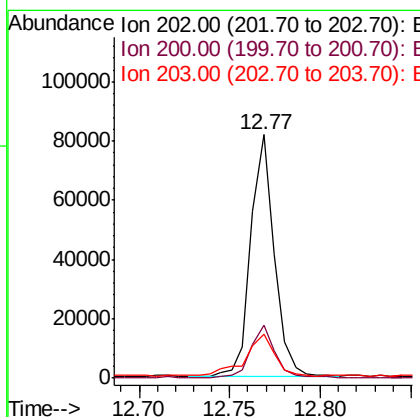
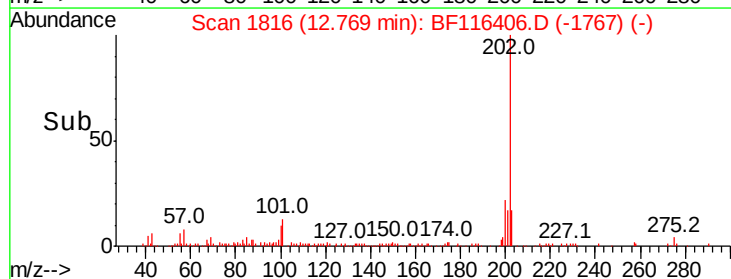
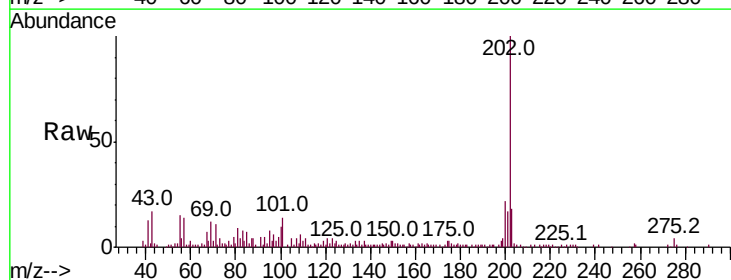
Manual Integrations
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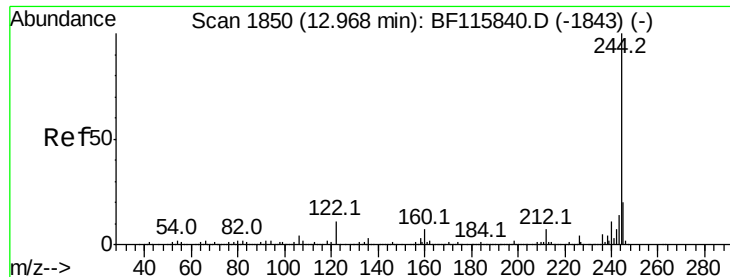
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#78
Pyrene
Concen: 3.491 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF116406.D
Acq: 19 Aug 2019 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	74293		
200	21.6	18.0	27.0	
203	18.2	14.1	21.1	





#79

Terphenyl-d14

Concen: 72.393 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF116406.D

Acq: 19 Aug 2019 23:44

Instrument :

BNA_F

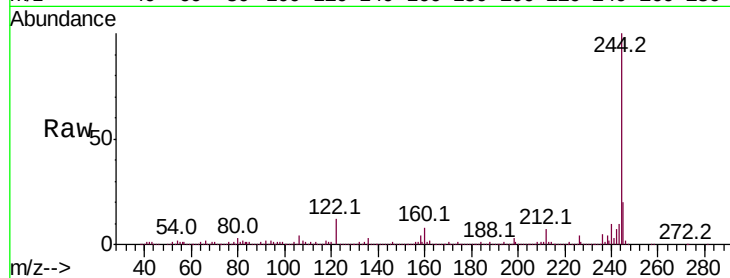
ClientSampled :

SP-1

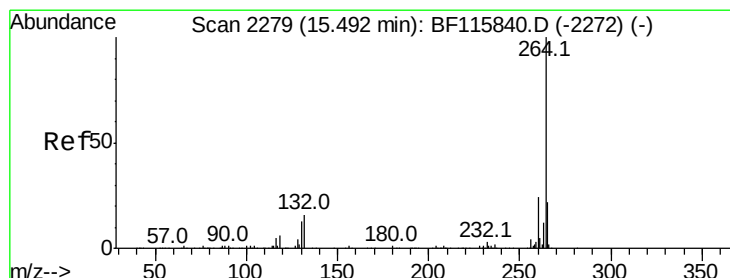
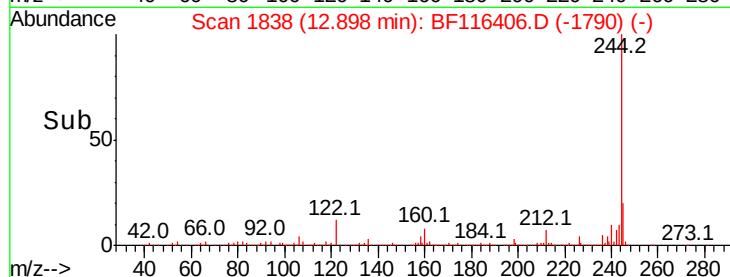
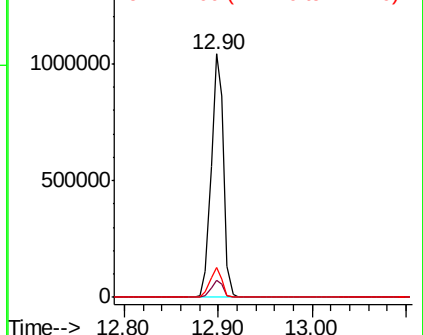
Tot Ion:	244	Resp:	969999
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.8
122	12.3	9.0	13.4

Manual Integrations
APPROVED

mohammad
8/22/2019 12:45:40 PM



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



#87

Perylene-d12

Concen: 20.000 ng

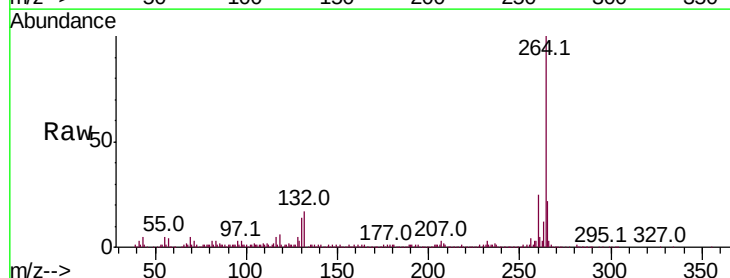
RT: 15.42 min Scan# 2267

Delta R.T. -0.02 min

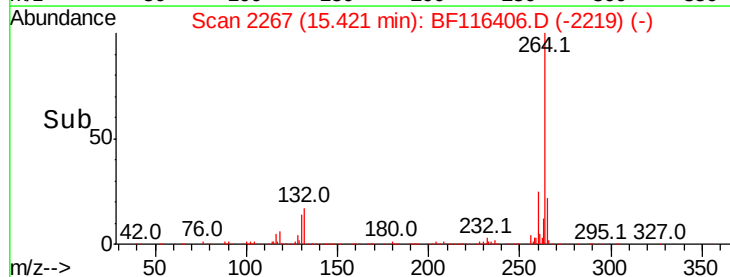
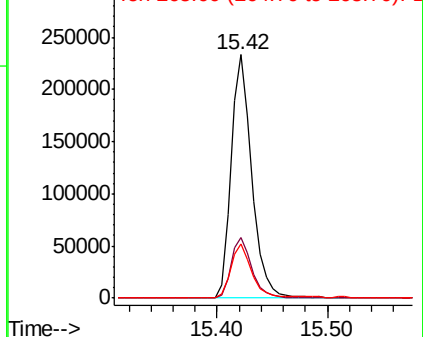
Lab File: BF116406.D

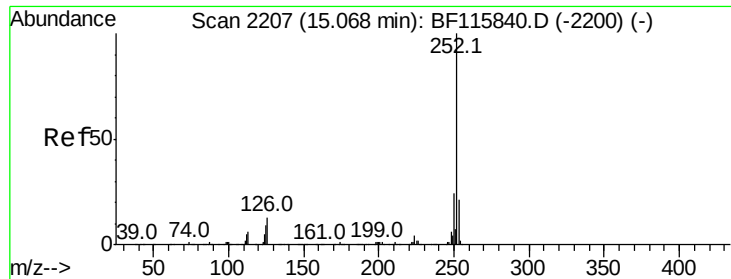
Acq: 19 Aug 2019 23:44

Tgt Ion:	264	Resp:	308077
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.7	29.5
265	22.2	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: 2.345 ng m
 RT: 15.01 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BF116406.D
 Acq: 19 Aug 2019 23:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.8
125	25.1	8.4	12.6

Manual Integrations
 APPROVED

mohammad
 8/22/2019 12:45:40 PM

