

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116209.D
 Acq On : 13 Aug 2019 00:35
 Operator : HP/JU
 Sample : K4223-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-7

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:53:49 AM

Quant Time: Aug 13 02:07:15 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	6.83	152	125370	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	493463	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	270412	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	470359	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	292383	20.00	ng	-0.01
87) Perylene-d12	15.46	264	345537	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	638313	85.23	ng	-0.01
7) Phenol-d6	6.47	99	853386	90.32	ng	-0.02
23) Nitrobenzene-d5	7.39	82	526298	61.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	228584	87.19	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	861192	59.65	ng	-0.02
79) Terphenyl-d14	12.93	244	823973	59.38	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.58	163	177706	9.652	ng	99
71) Phenanthrene	11.38	178	100818	4.193	ng	97
75) Fluoranthene	12.57	202	254338	10.103	ng	98
78) Pyrene	12.80	202	242265	10.992	ng	99
81) Benzo(a)anthracene	13.99	228	136164	7.286	ng	98
83) Chrysene	14.03	228	139925	7.712	ng	97
86) Indeno(1,2,3-cd)pyrene	16.95	276	75900	4.981	ng	95
88) Benzo(b)fluoranthene	15.04	252	177173m	8.868	ng	
89) Benzo(k)fluoranthene	15.07	252	51555m	2.649	ng	
90) Benzo(a)pyrene	15.41	252	115746	6.481	ng	98
92) Benzo(g,h,i)perylene	17.40	276	69510	4.578	ng	95

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

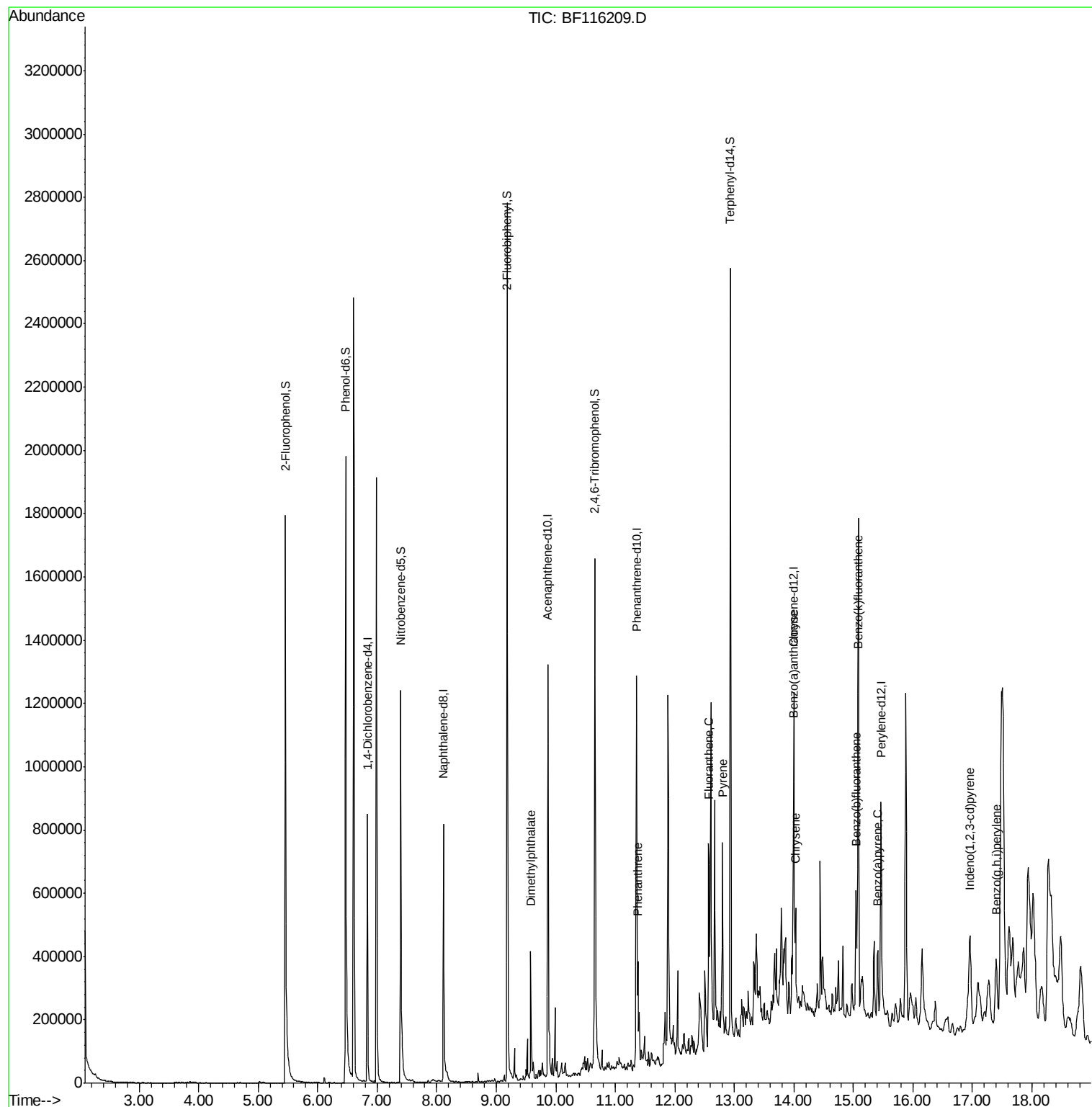
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116209.D
Acq On : 13 Aug 2019 00:35
Operator : HP/JU
Sample : K4223-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

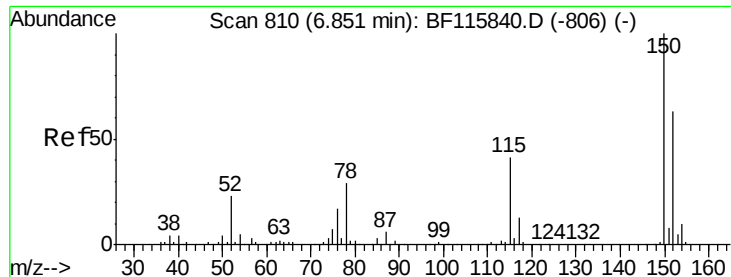
Instrument :
BNA_F
ClientSampleId :
SP-7

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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

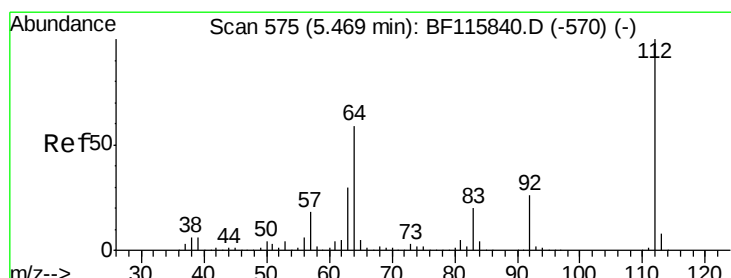
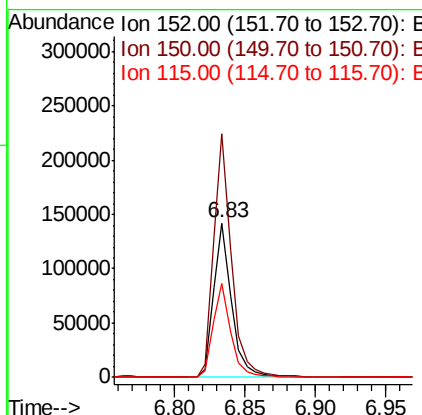
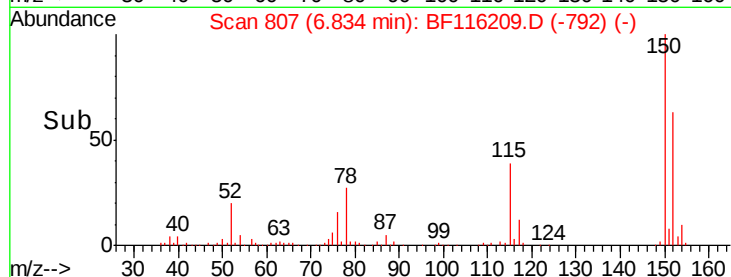
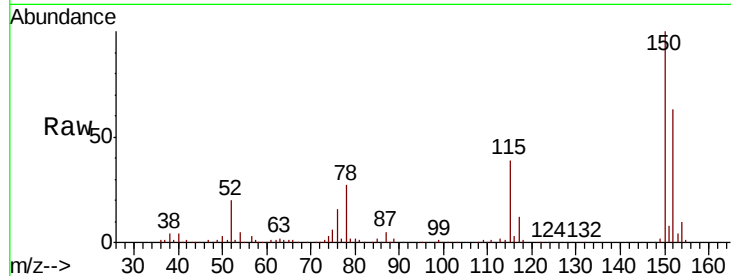
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116209.D
 Acq: 13 Aug 2019 00:35

Instrument :
 BNA_F
 ClientSampleId :
 SP-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	61.2	49.9	74.9

Manual Integrations
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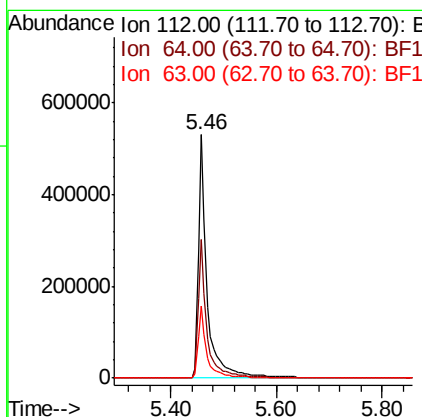
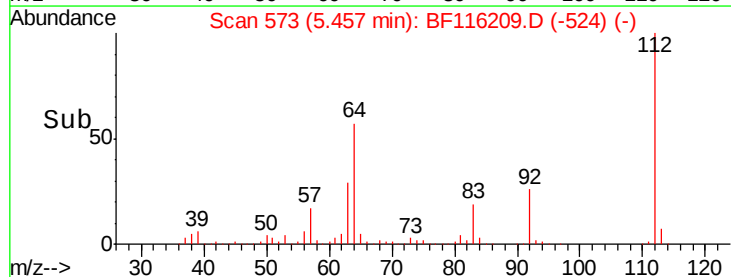
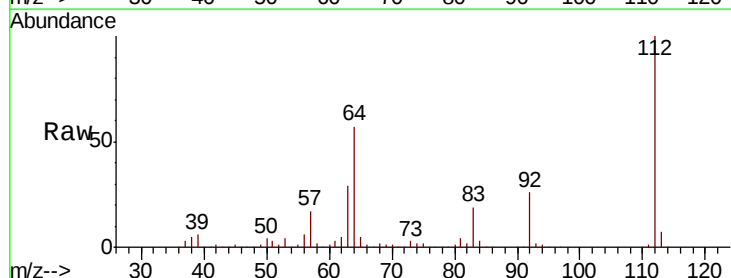
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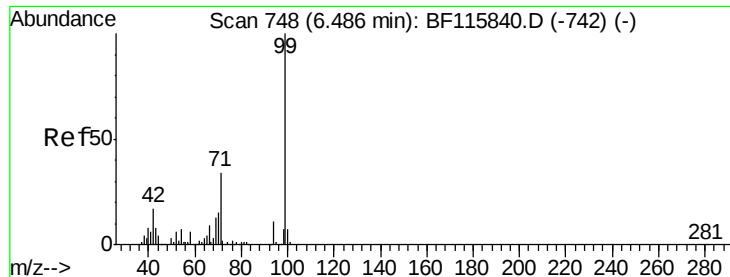


#5

2-Fluorophenol
 Concen: 85.234 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF116209.D
 Acq: 13 Aug 2019 00:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.4	68.2
63	29.5	23.7	35.5





#7

Phenol-d6

Concen: 90.318 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116209.D

Acq: 13 Aug 2019 00:35

Instrument :

BNA_F

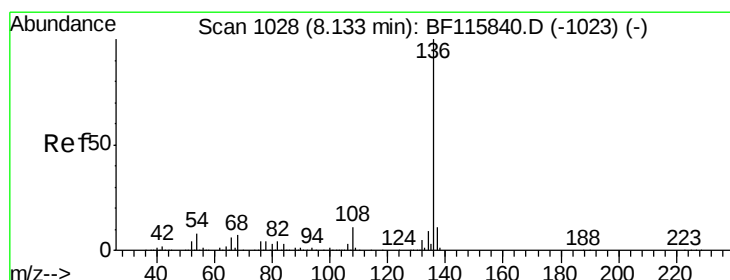
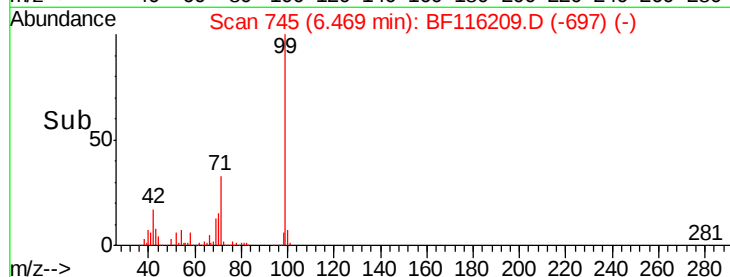
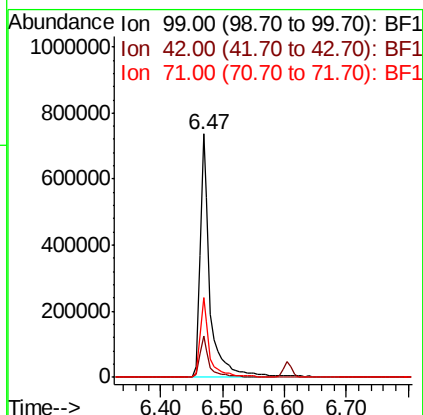
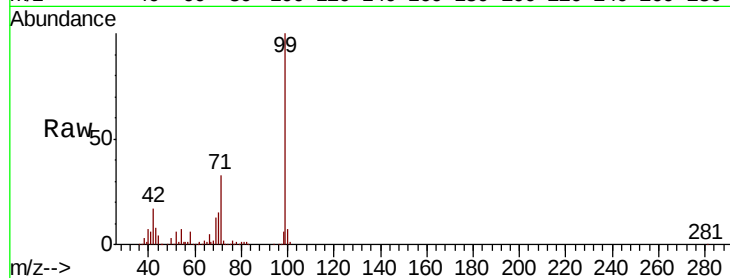
ClientSampled :

SP-7

Tot Ion:	99	Resp:	853386
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.8
71	32.9	27.3	40.9

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#21

Naphthalene-d8

Concen: 20.000 ng

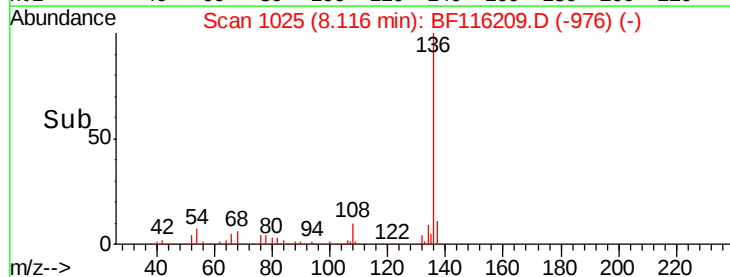
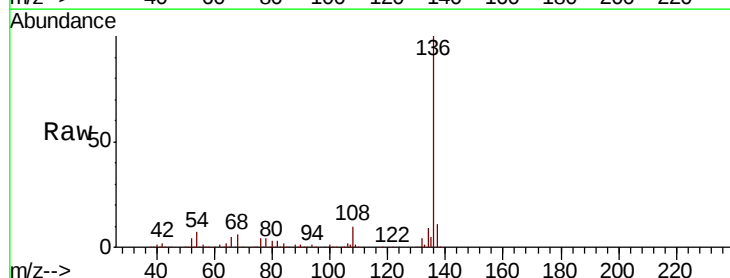
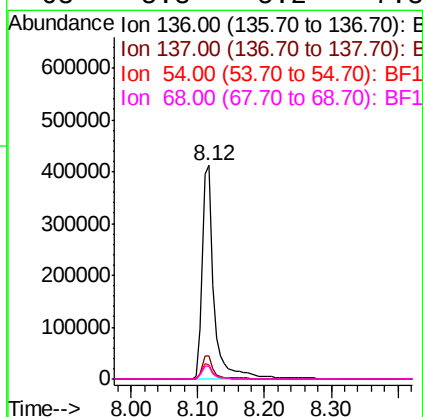
RT: 8.12 min Scan# 1025

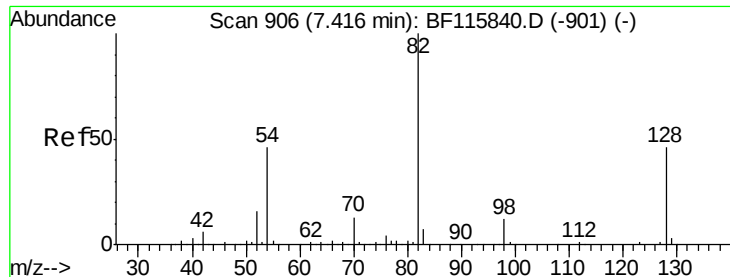
Delta R.T. -0.01 min

Lab File: BF116209.D

Acq: 13 Aug 2019 00:35

Tgt Ion:	136	Resp:	493463
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.5	5.8	8.6
68	5.8	5.2	7.8





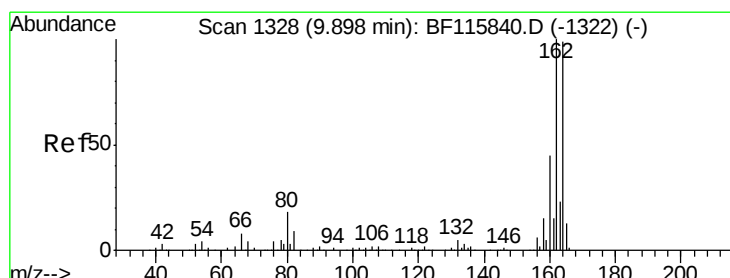
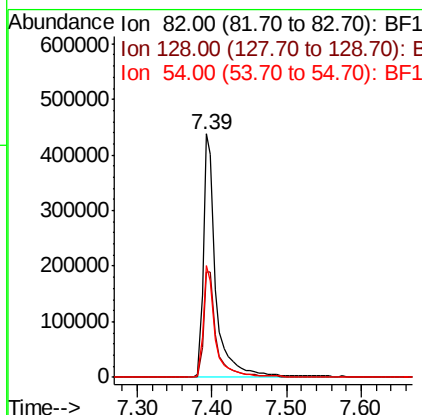
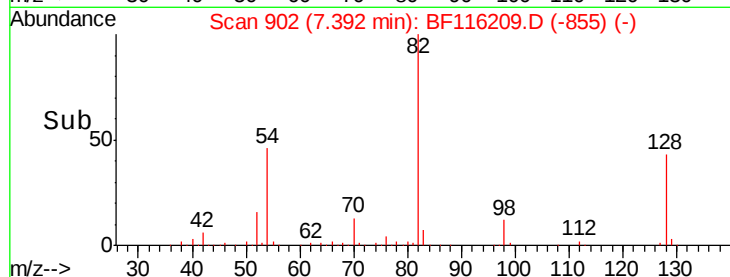
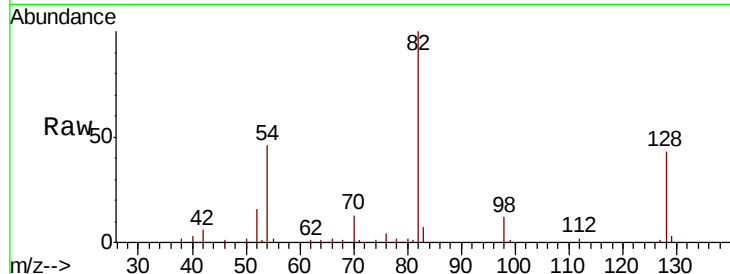
#23
 Nitrobenzene-d5
 Concen: 61.564 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116209.D
 Acq: 13 Aug 2019 00:35

Instrument :
 BNA_F
 ClientSampled :
 SP-7

Tot Ion	Ratio	Resp	Lower	Upper
82	100	526298		
128	43.5		36.5	54.7
54	46.1		36.0	54.0

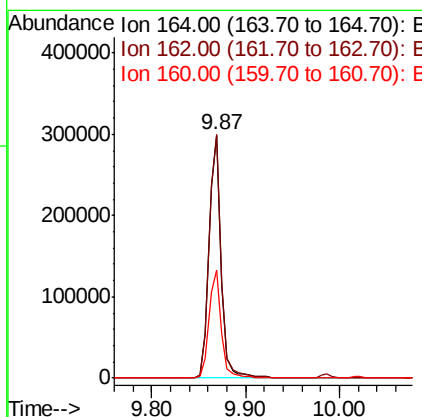
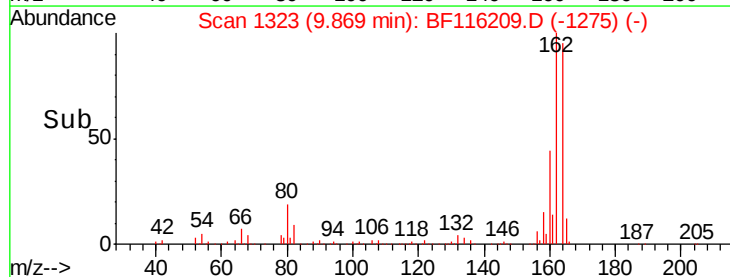
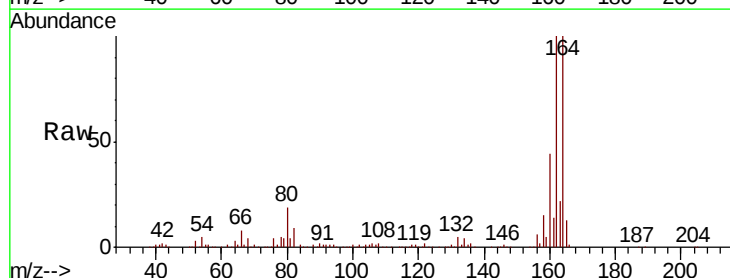
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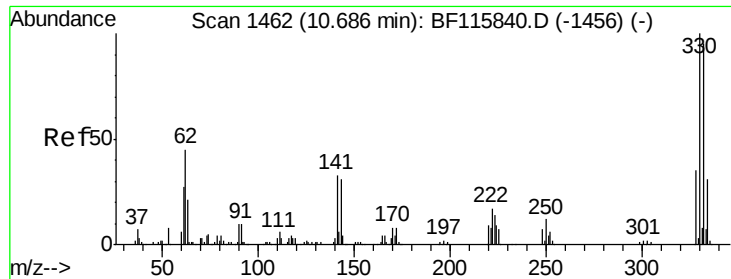
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116209.D
 Acq: 13 Aug 2019 00:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	270412		
162	100.5		82.6	124.0
160	44.5		37.6	56.4





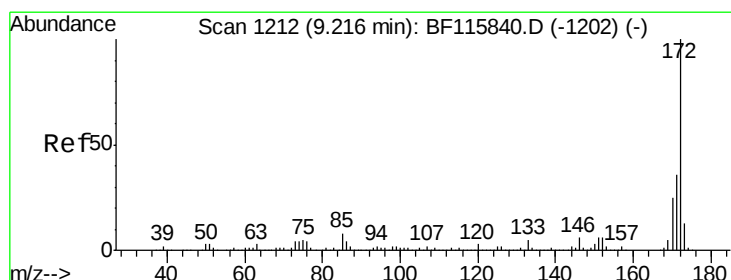
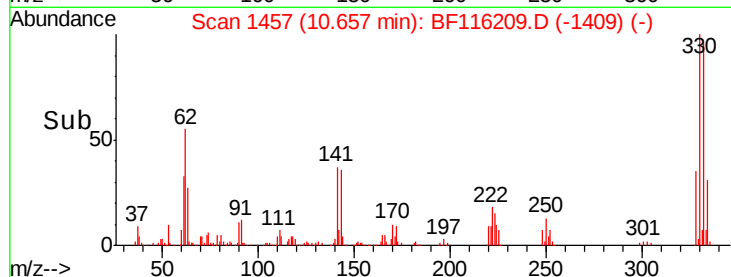
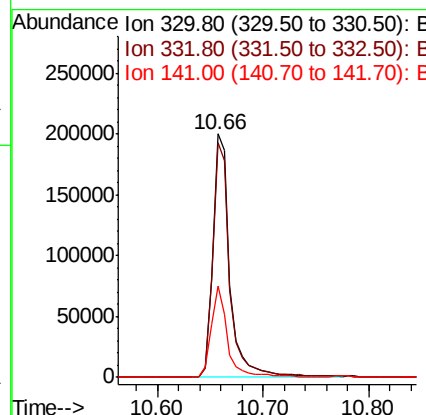
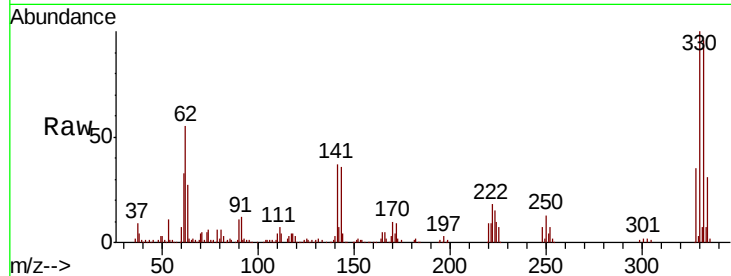
#42
 2,4,6-Tribromophenol
 Concen: 87.189 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF116209.D
 Acq: 13 Aug 2019 00:35

Instrument :
 BNA_F
 ClientSampled :
 SP-7

Tot Ion	Ratio	Resp	Lower	Upper
330	100	228584		
332	97.5	76.8	115.2	
141	35.6	26.3	39.5	

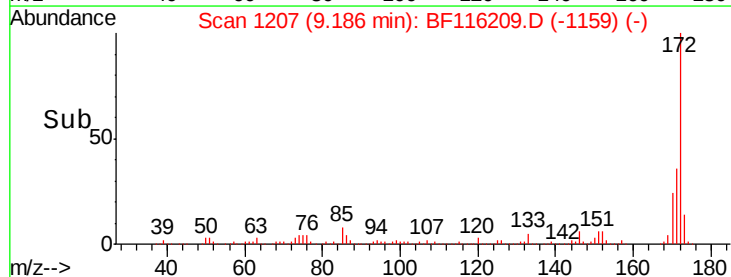
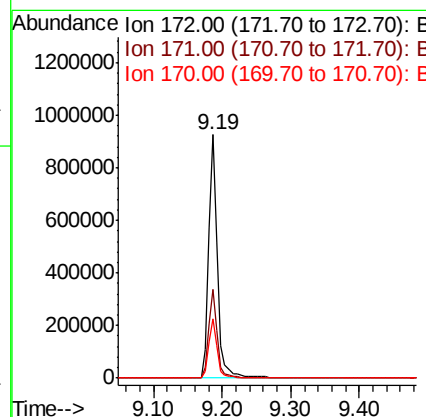
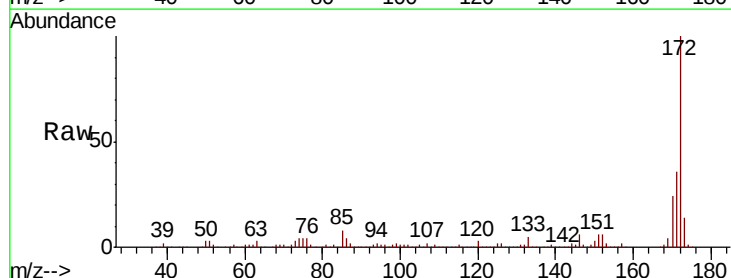
Manual Integrations
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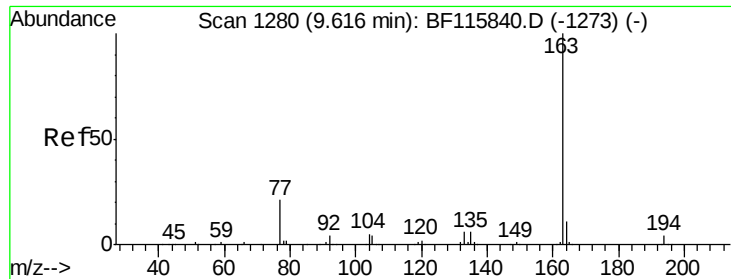
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#45
 2-Fluorobiphenyl
 Concen: 59.653 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116209.D
 Acq: 13 Aug 2019 00:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	861192		
171	36.5	29.6	44.4	
170	24.4	20.1	30.1	





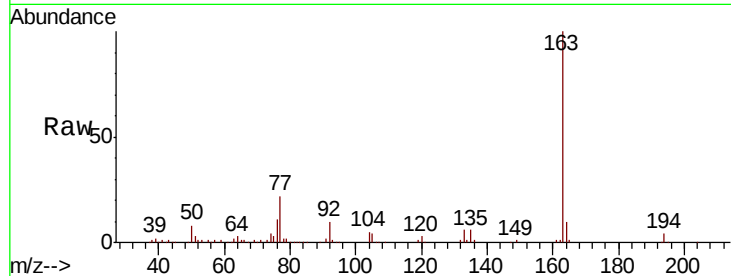
#50
Dimethylphthalate
Concen: 9.652 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF116209.D
Acq: 13 Aug 2019 00:35

Instrument :
BNA_F
ClientSampleId :
SP-7

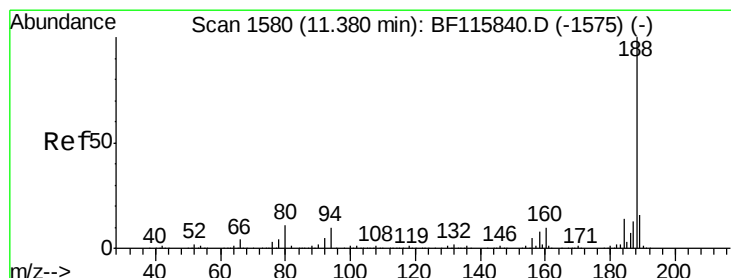
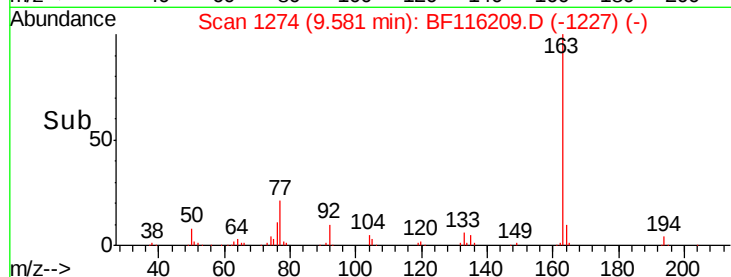
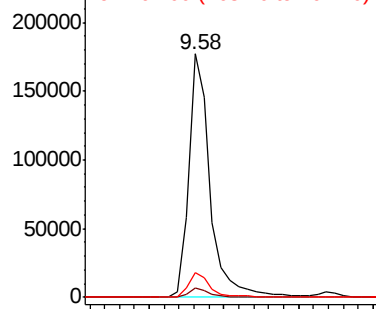
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.3	8.4	12.6

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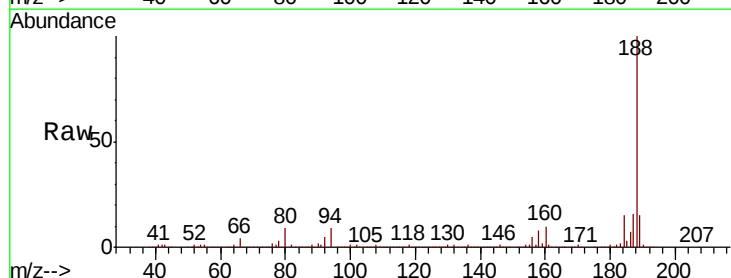


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

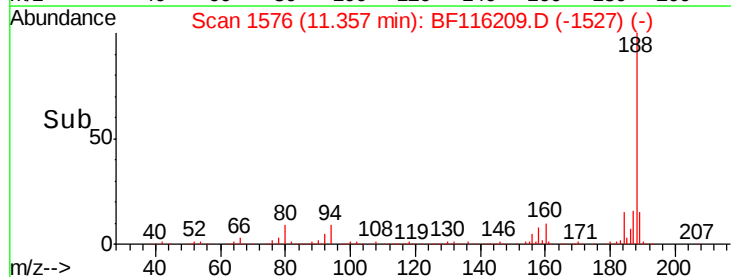
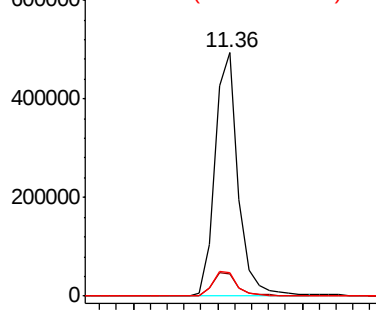


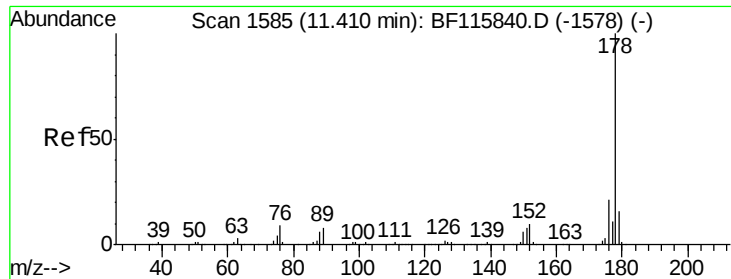
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116209.D
Acq: 13 Aug 2019 00:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.1	12.1
80	9.5	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





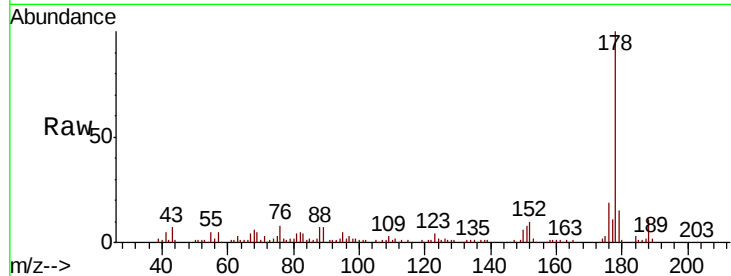
#71
Phenanthrene
Concen: 4.193 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF116209.D
Acq: 13 Aug 2019 00:35

Instrument :
BNA_F
ClientSampleId :
SP-7

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.6	24.8
179	14.9	12.5	18.7

Manual Integrations
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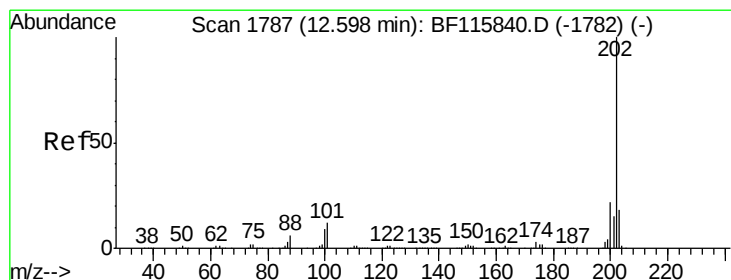
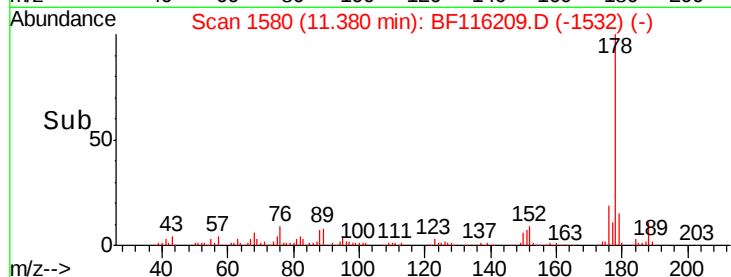
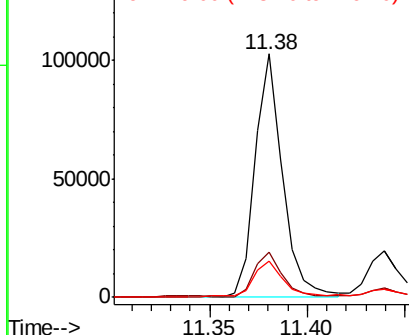


Abundance

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



#75
Fluoranthene
Concen: 10.103 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BF116209.D
Acq: 13 Aug 2019 00:35

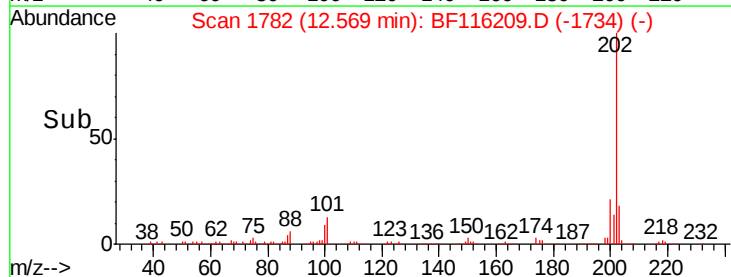
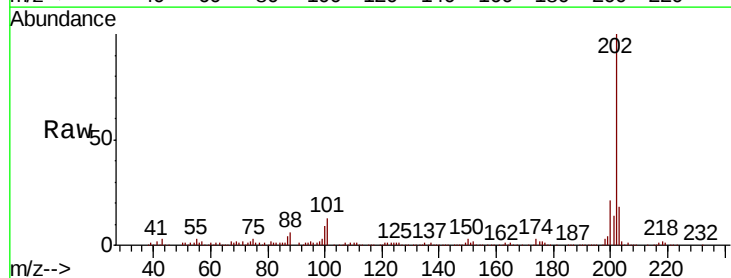
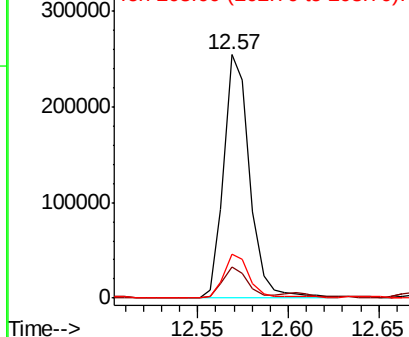
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.2
203	17.8	0.0	37.8

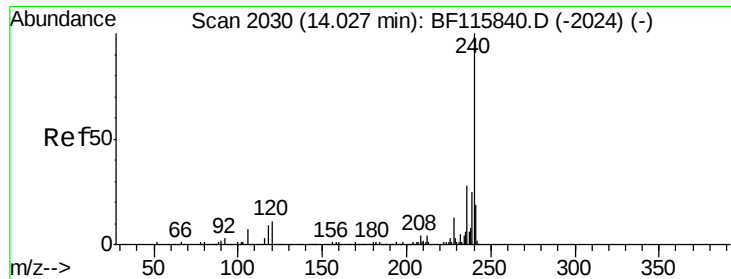
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





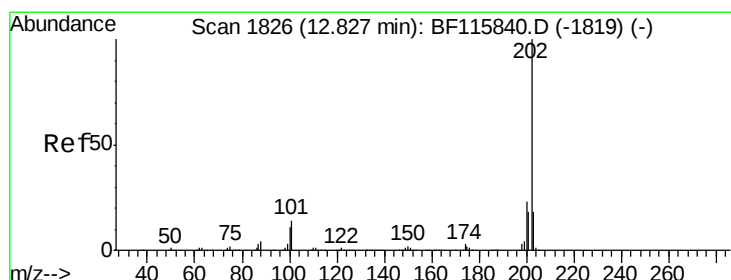
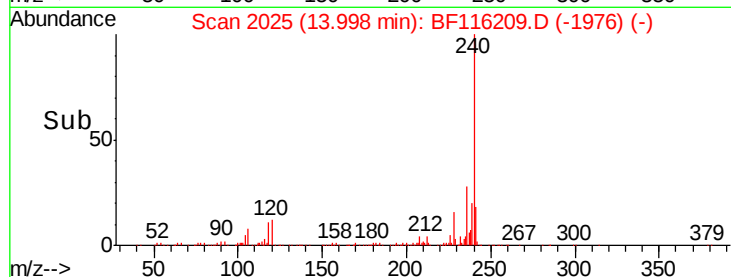
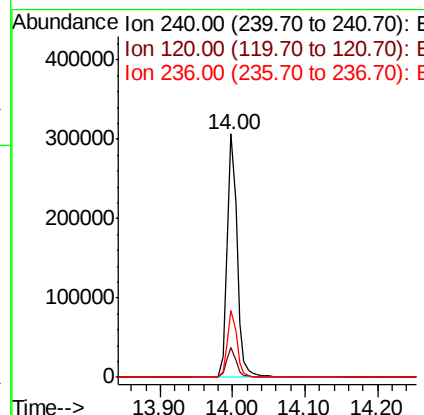
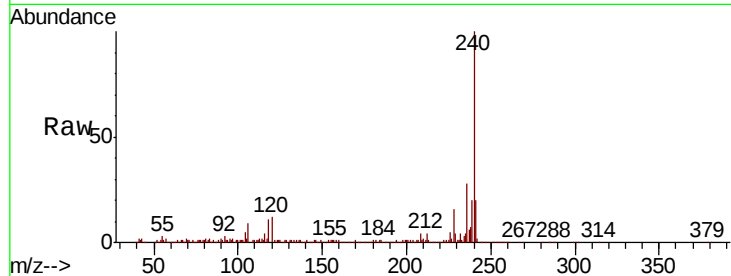
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116209.D
Acq: 13 Aug 2019 00:35

Instrument :
BNA_F
ClientSampleId :
SP-7

Tot Ion	Ratio	Resp	Lower	Upper
240	100	292383		
120	12.3		10.7	16.1
236	27.7		22.2	33.2

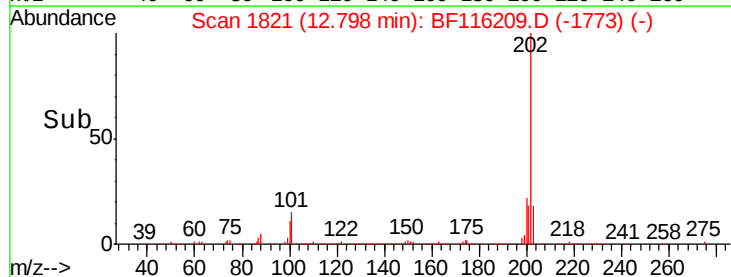
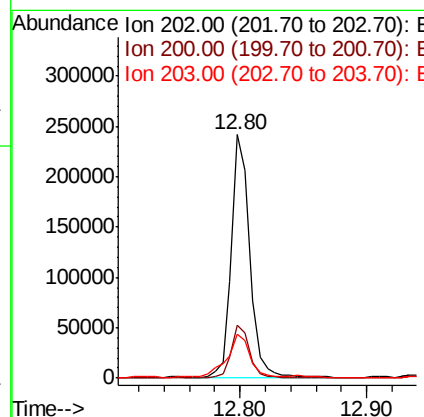
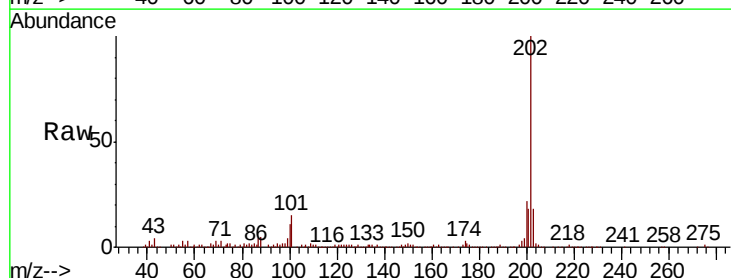
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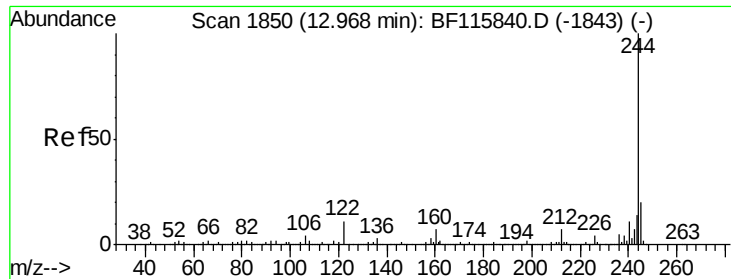
mohammad
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#78
Pyrene
Concen: 10.992 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF116209.D
Acq: 13 Aug 2019 00:35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	242265		
200	21.8		18.0	27.0
203	18.2		14.1	21.1





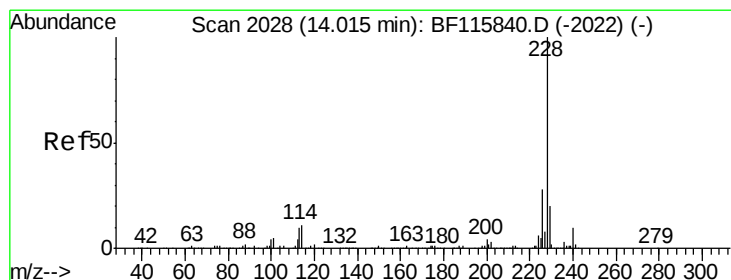
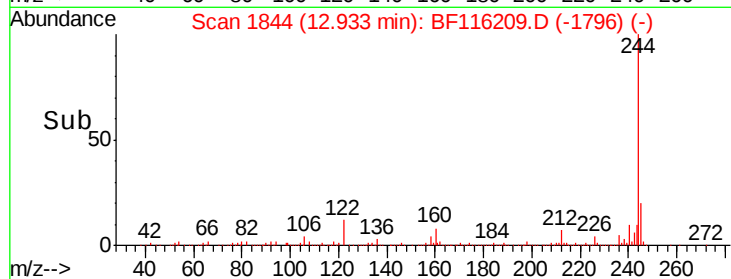
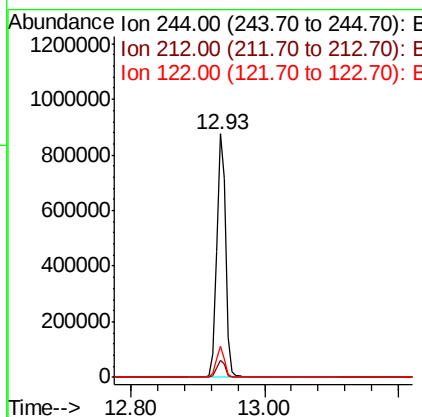
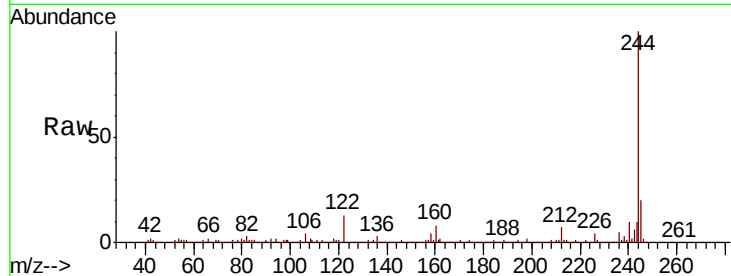
#79
 Terphenyl-d14
 Concen: 59.383 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF116209.D
 Acq: 13 Aug 2019 00:35

Instrument :
 BNA_F
 ClientSampled :
 SP-7

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.5	9.0	13.4

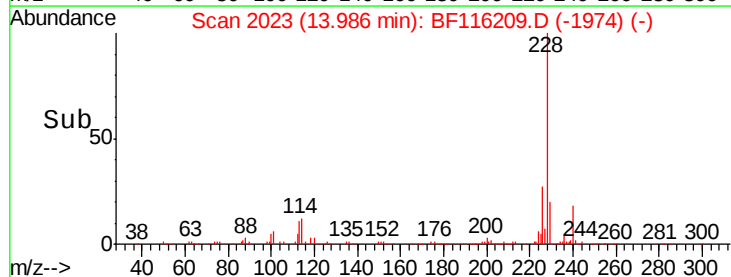
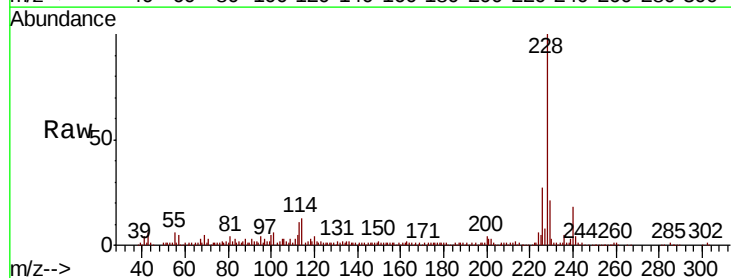
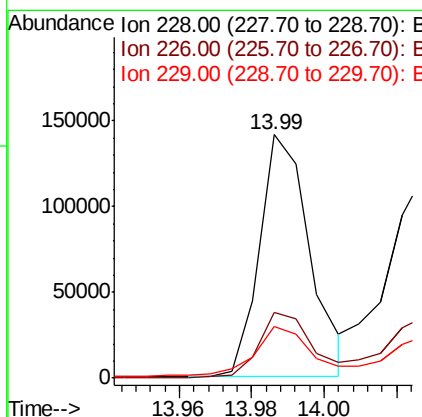
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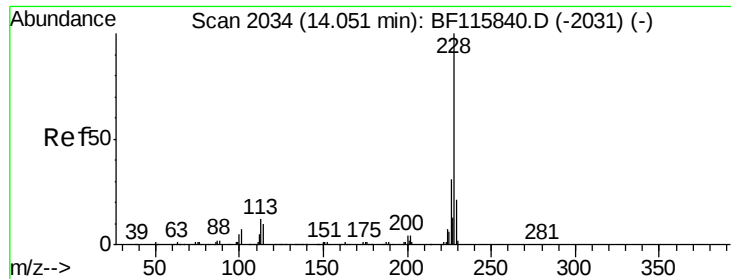
mohammad
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#81
 Benzo(a)anthracene
 Concen: 7.286 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF116209.D
 Acq: 13 Aug 2019 00:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.7	34.1
229	21.1	16.2	24.4





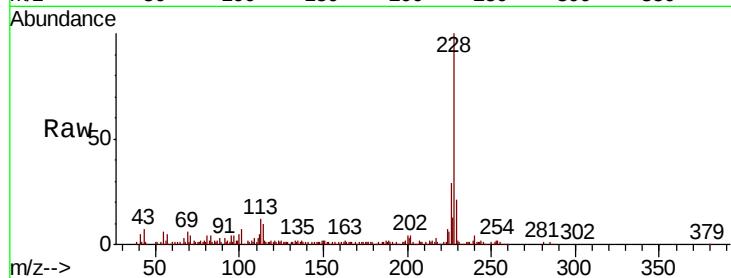
#83
Chrysene
Concen: 7.712 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116209.D
Acq: 13 Aug 2019 00:35

Instrument :
BNA_F
ClientSampleId :
SP-7

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.5	38.3
229	20.6	16.6	24.8

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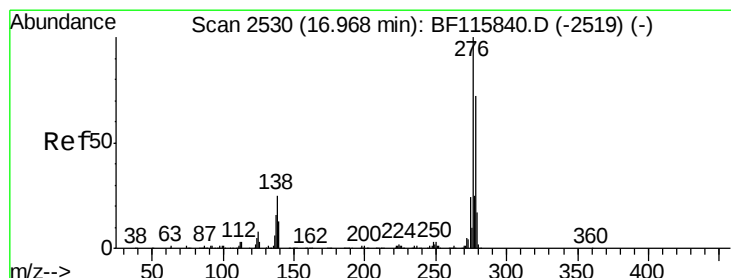
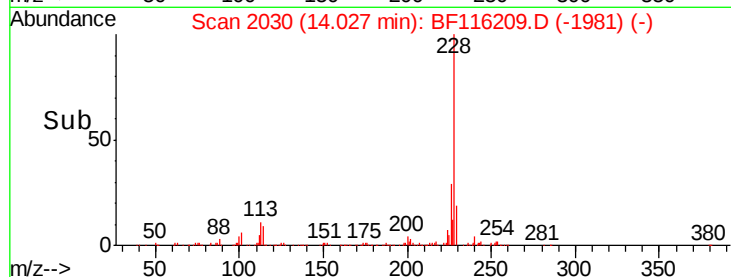
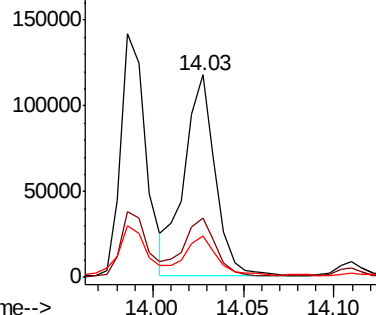


Abundance

Ion 228.00 (227.70 to 228.70): E

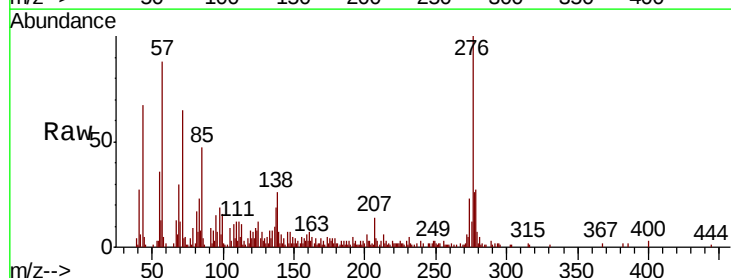
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86
Indeno(1,2,3-cd)pyrene
Concen: 4.981 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF116209.D
Acq: 13 Aug 2019 00:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	20.4	30.6
277	23.6	20.0	30.0

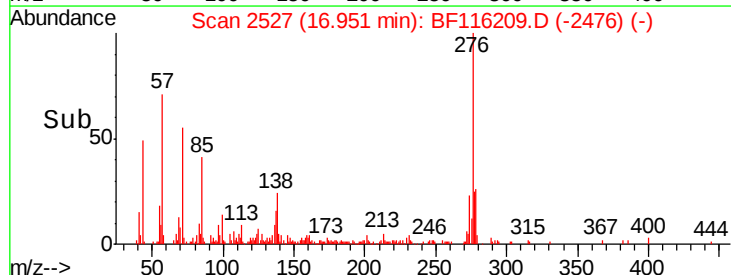
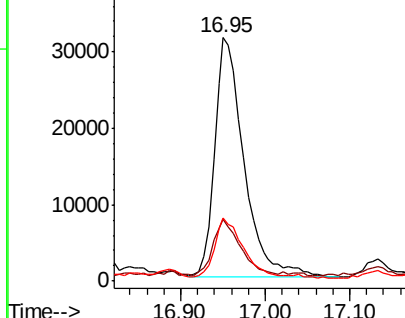


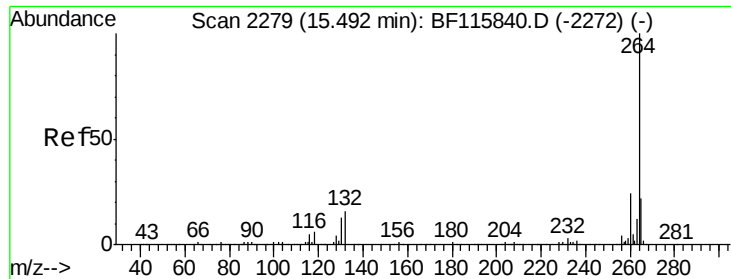
Abundance

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

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF116209.D

Acq: 13 Aug 2019 00:35

Instrument :

BNA_F

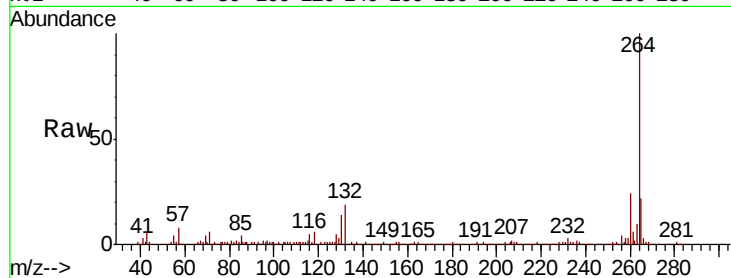
ClientSampleId :

SP-7

Tot Ion:	264	Resp:	345537
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.7	29.5
265	22.0	17.4	26.0

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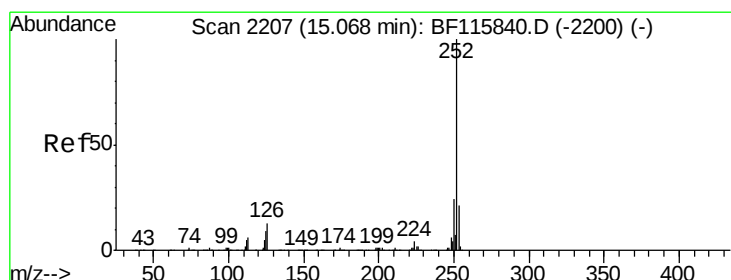
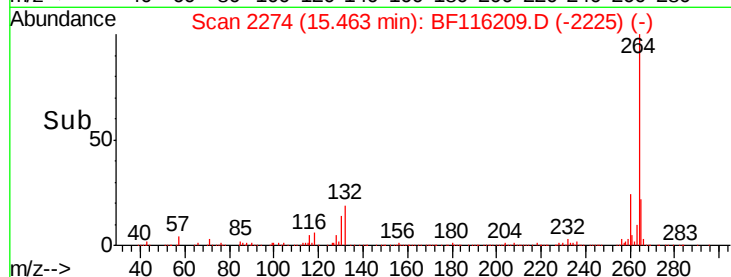
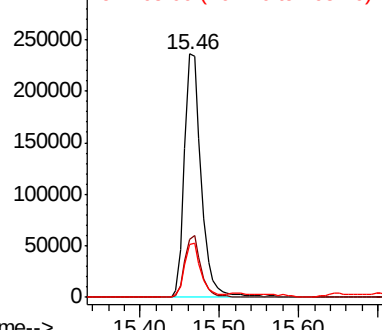


Abundance

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: 8.868 ng m

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF116209.D

Acq: 13 Aug 2019 00:35

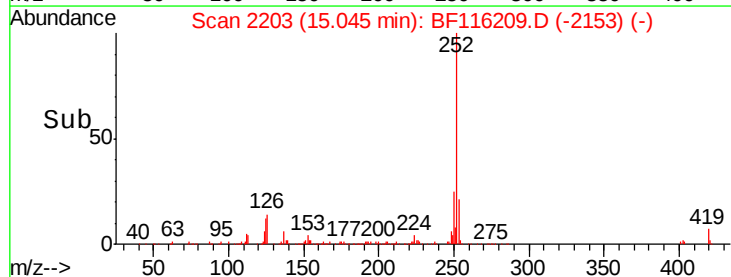
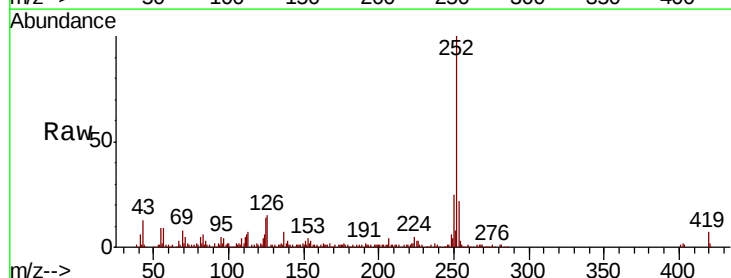
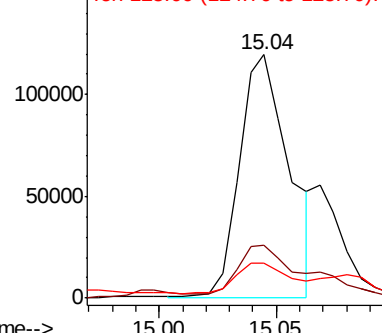
Tgt Ion:	252	Resp:	177173
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.8
125	14.2	8.4	12.6#

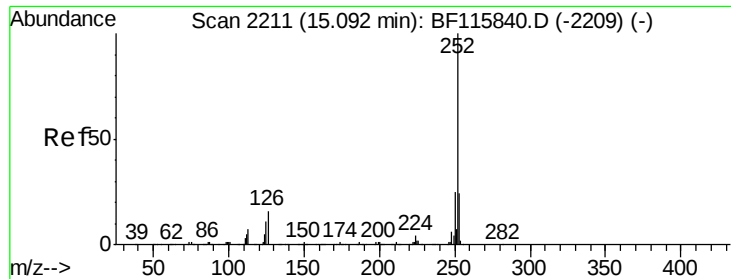
Abundance

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





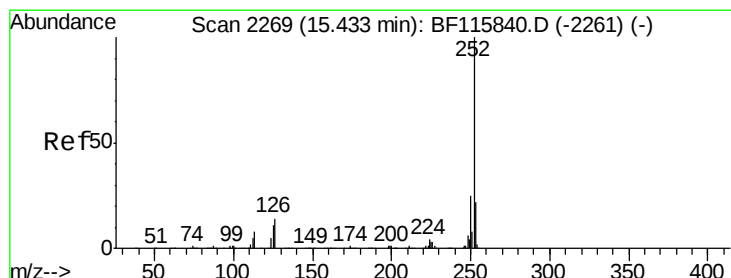
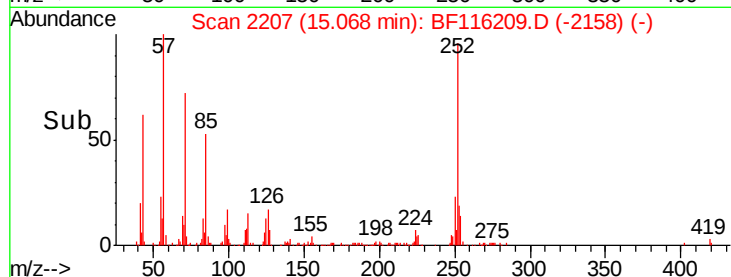
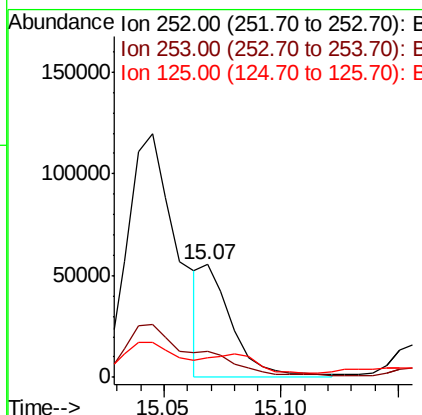
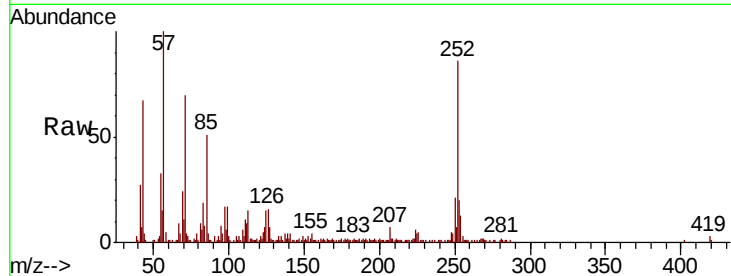
#89
Benzo(k)fluoranthene
Concen: 2.649 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116209.D
Acq: 13 Aug 2019 00:35

Instrument :
BNA_F
ClientSampled :
SP-7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	17.2	7.7	11.5

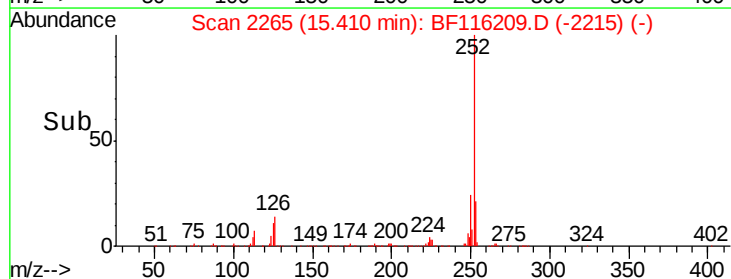
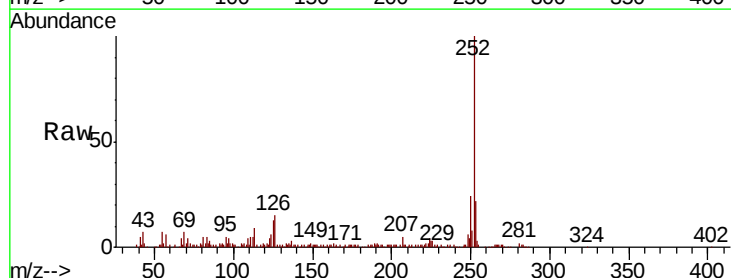
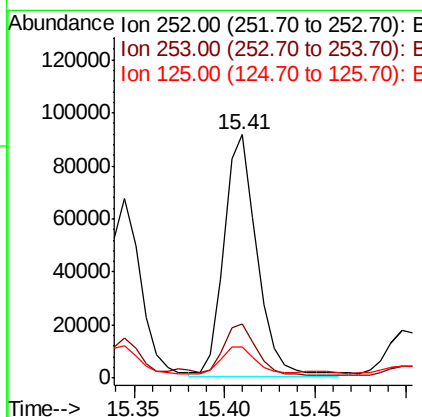
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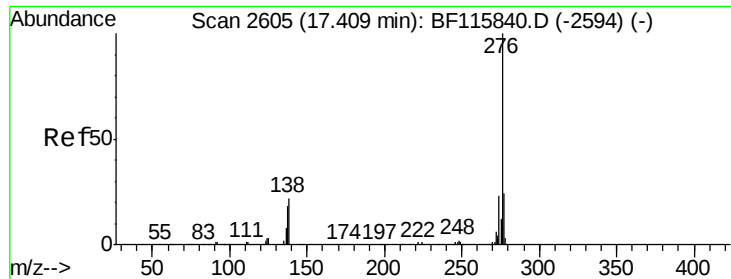
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#90
Benzo(a)pyrene
Concen: 6.481 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116209.D
Acq: 13 Aug 2019 00:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	12.9	8.9	13.3





#92
 Benzo(a,h,i)perylene
 Concen: 4.578 ng
 RT: 17.40 min Scan# 2604
 Delta R.T. 0.02 min
 Lab File: BF116209.D
 Acq: 13 Aug 2019 00:35

Instrument :
 BNA_F
 ClientSampleId :
 SP-7

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.4	27.6
138	24.2	17.0	25.6

Manual Integrations
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