

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
 Data File : BF119436.D
 Acq On : 19 Mar 2020 1:18
 Operator : CG/JU
 Sample : L1943-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 J+B-2A

Manual Integrations
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 3/19/2020 2:44:20 PM

Quant Time: Mar 19 08:25:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	369065	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1362789	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	647137	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1093831	20.00	ng	0.00
76) Chrysene-d12	14.03	240	637071	20.00	ng	0.00
87) Perylene-d12	15.50	264	683979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2223007	95.89	ng	0.01
7) Phenol-d6	6.47	99	2793068	94.31	ng	0.00
23) Nitrobenzene-d5	7.42	82	1724105	68.76	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	617570	92.50	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2918172	66.80	ng	0.00
79) Terphenyl-d14	12.97	244	2440232	75.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	258516	5.624	ng	99
75) Fluoranthene	12.60	202	141784	2.310	ng	97
78) Pyrene	12.83	202	133665	2.557	ng	98
88) Benzo(b)fluoranthene	15.06	252	91661m	2.006	ng	

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

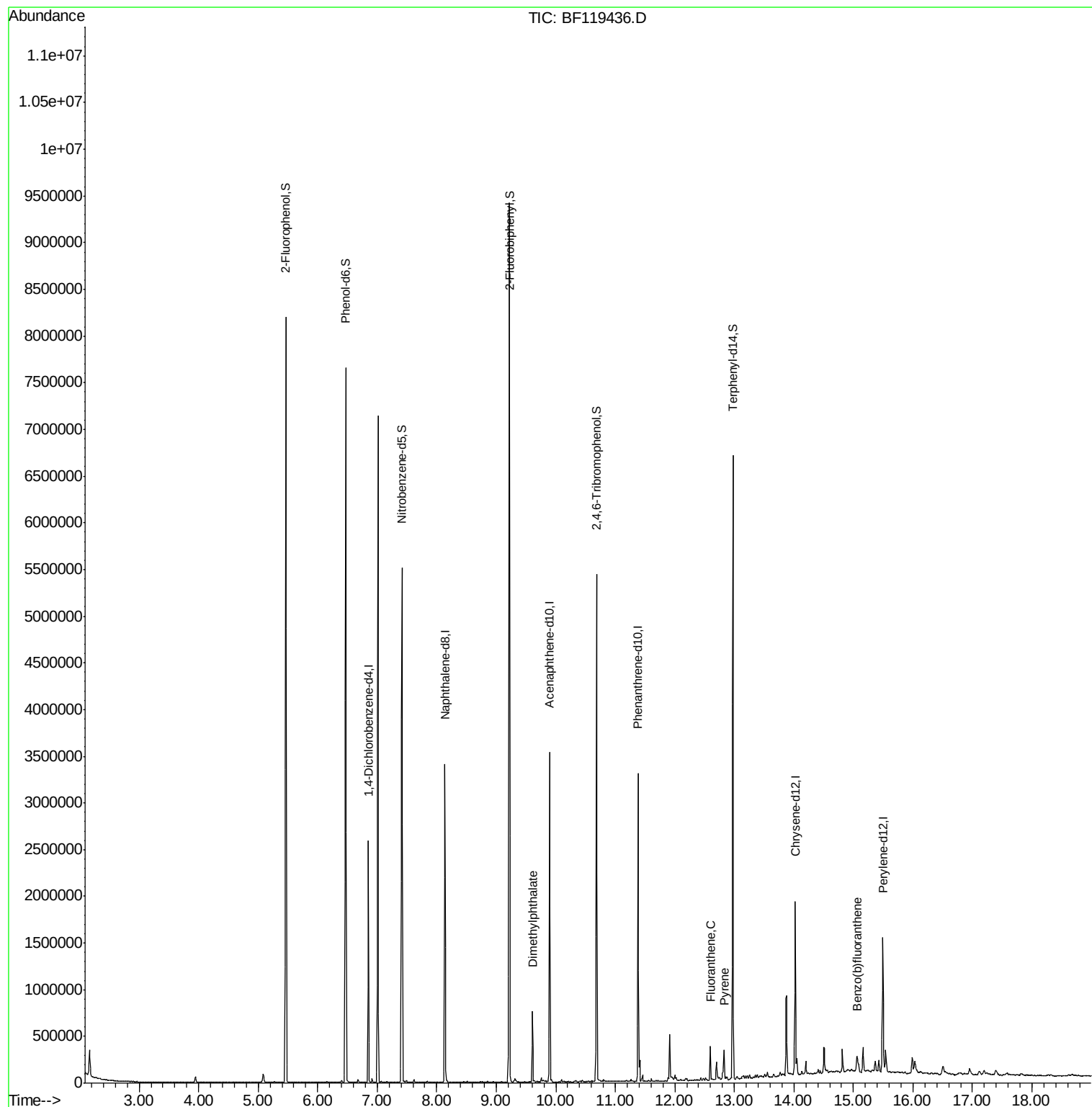
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119436.D
Acq On : 19 Mar 2020 1:18
Operator : CG/JU
Sample : L1943-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

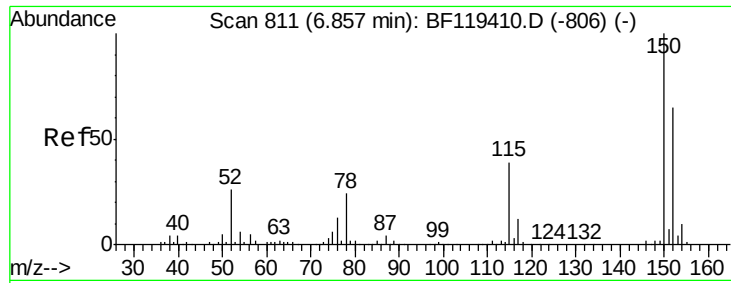
Instrument :
BNA_F
ClientSampleId :
J+B-2A

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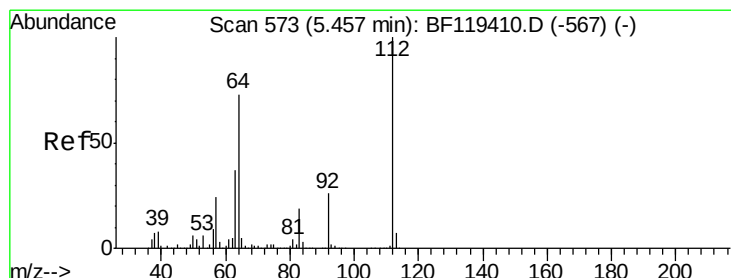
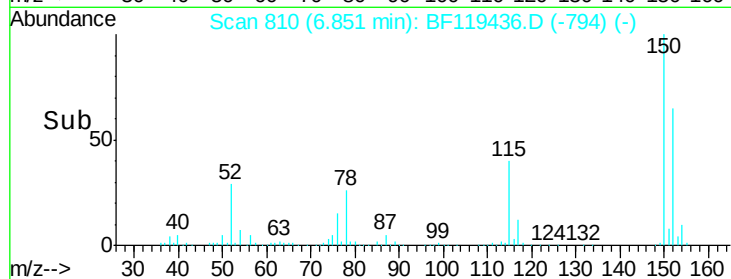
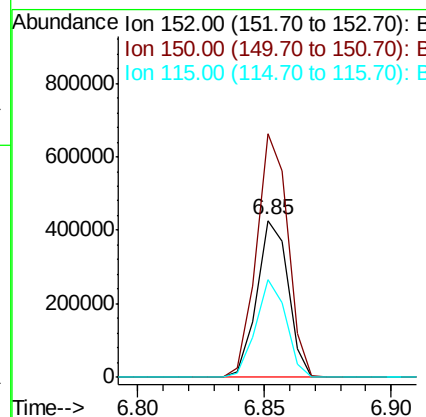
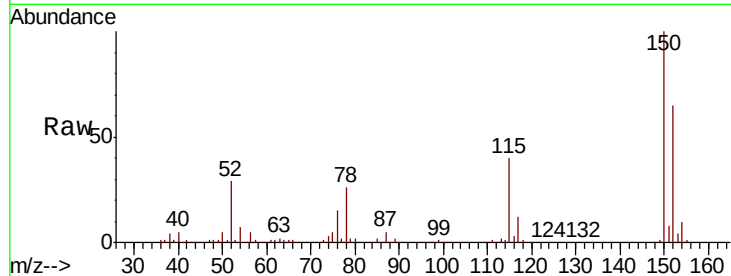
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

Instrument :
 BNA_F
 ClientSampleId :
 J+B-2A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.9	185.9
115	62.1	47.8	71.6

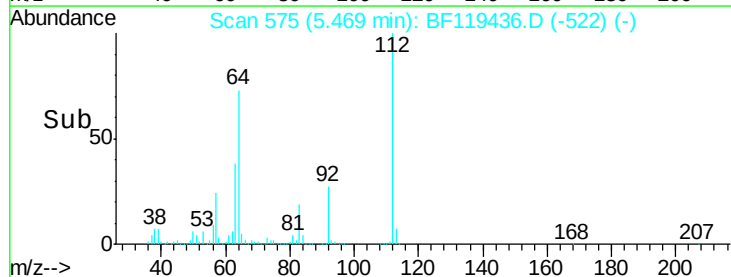
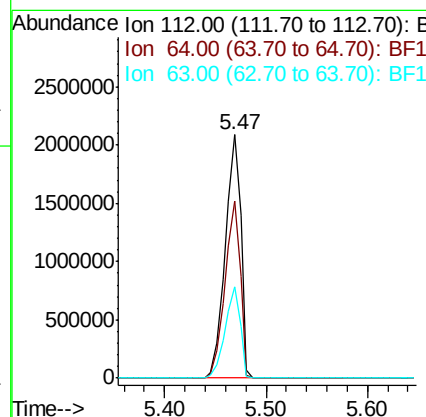
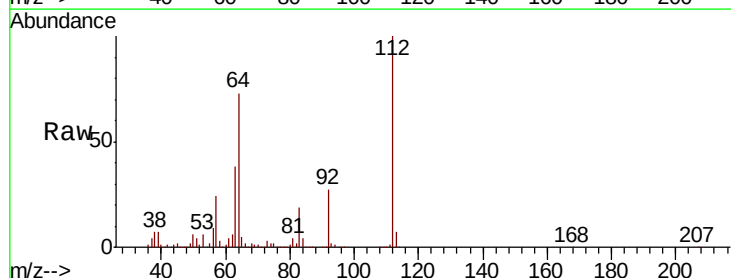
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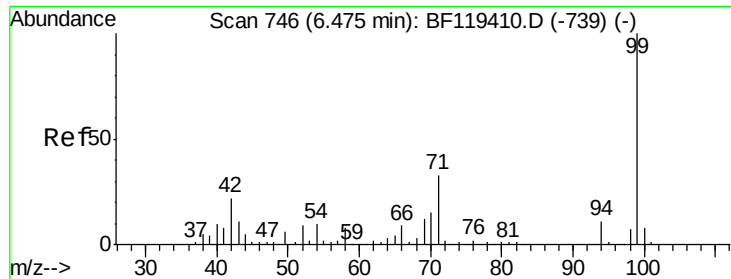
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#5
 2-Fluorophenol
 Concen: 95.886 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF119436.D
 Acq: 19 Mar 2020 1:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.8	58.1	87.1
63	37.7	29.7	44.5





#7

Phenol-d6

Concen: 94.310 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119436.D

Acq: 19 Mar 2020 1:18

Instrument :

BNA_F

ClientSampleId :

J+B-2A

Tot Ion: 99 Resp: 2793068

Ion Ratio Lower Upper

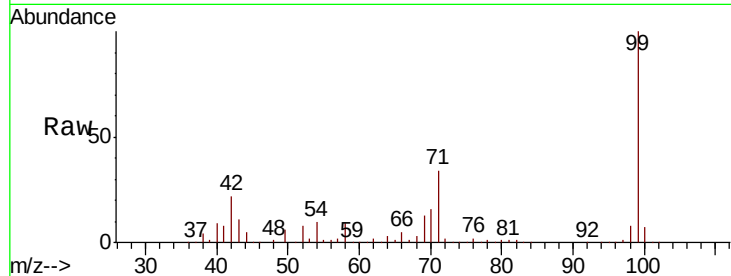
99 100

42 22.0 17.8 26.6

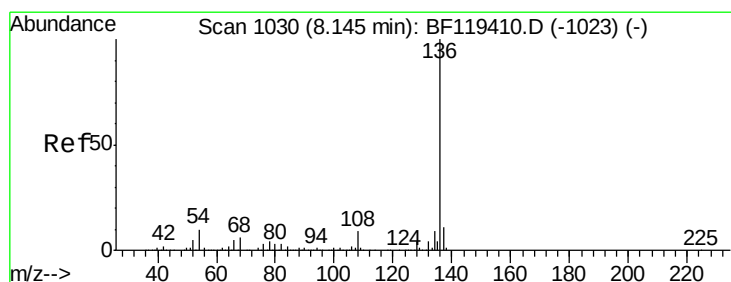
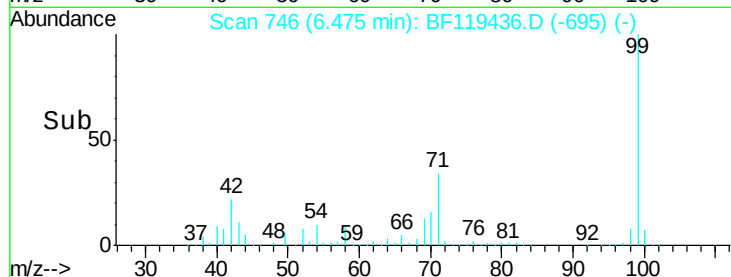
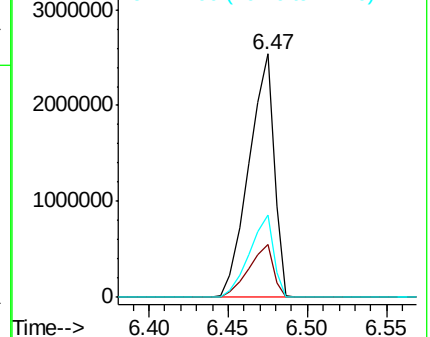
71 33.6 26.0 39.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119436.D

Acq: 19 Mar 2020 1:18

Tgt Ion: 136 Resp: 1362789

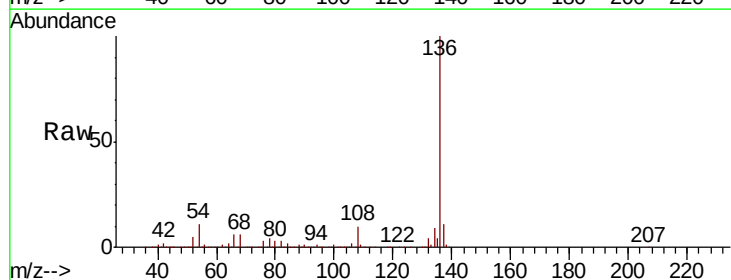
Ion Ratio Lower Upper

136 100

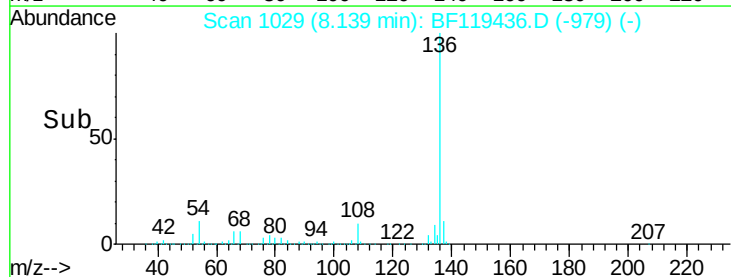
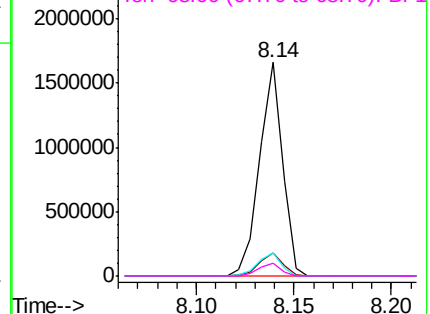
137 11.0 8.4 12.6

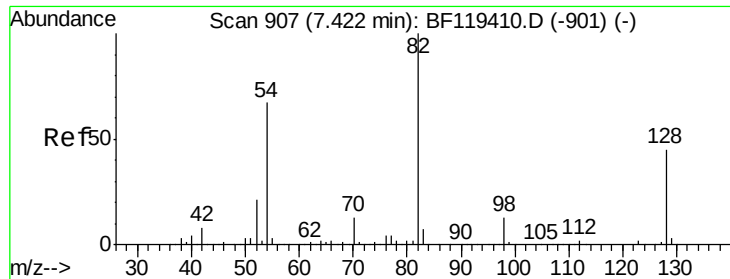
54 11.0 8.3 12.5

68 6.1 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





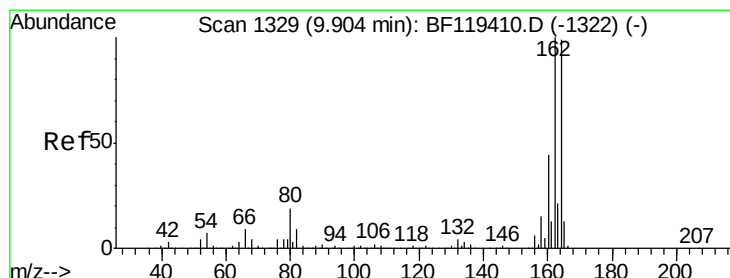
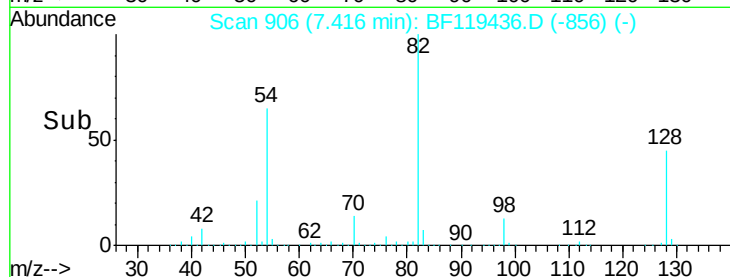
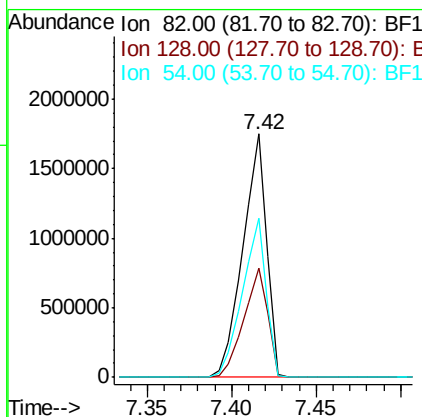
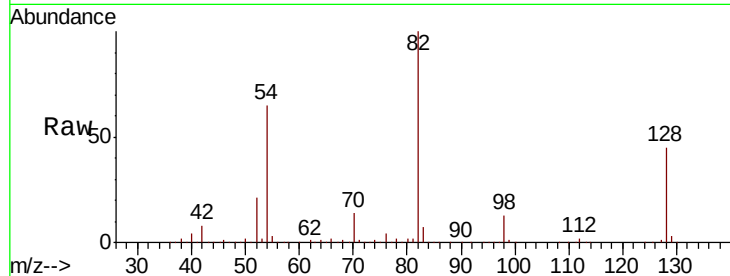
#23
Nitrobenzene-d5
Concen: 68.757 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119436.D
Acq: 19 Mar 2020 1:18

Instrument :
BNA_F
ClientSampled :
J+B-2A

Tot Ion	82	Resp	1724105
Ion Ratio	100	Lower	Upper
128	45.0	35.8	53.8
54	65.3	53.4	80.0

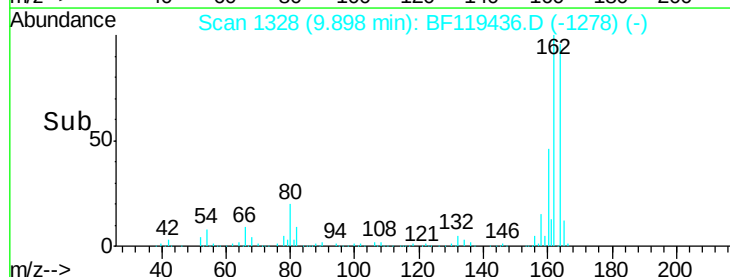
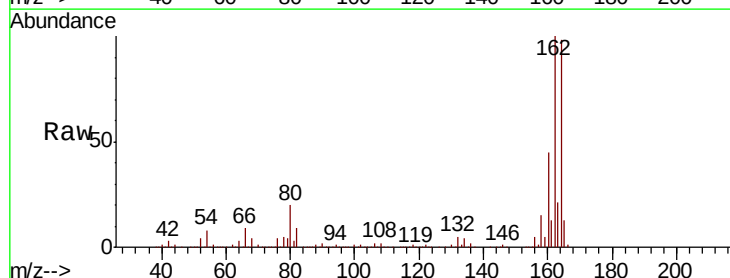
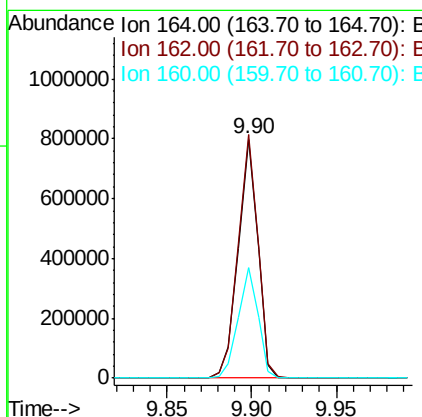
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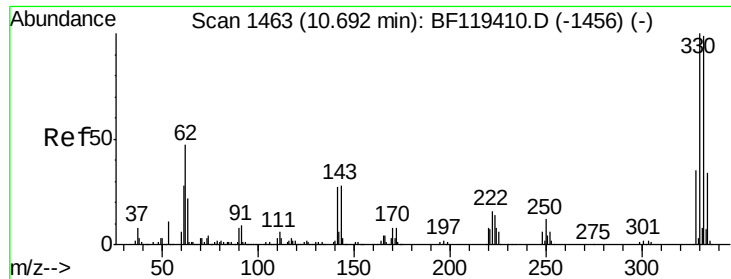
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF119436.D
Acq: 19 Mar 2020 1:18

Tgt Ion	164	Resp	647137
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.9	80.7	121.1
160	46.3	35.5	53.3





#42

2,4,6-Tribromophenol

Concen: 92.502 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119436.D

Acq: 19 Mar 2020 1:18

Instrument :

BNA_F

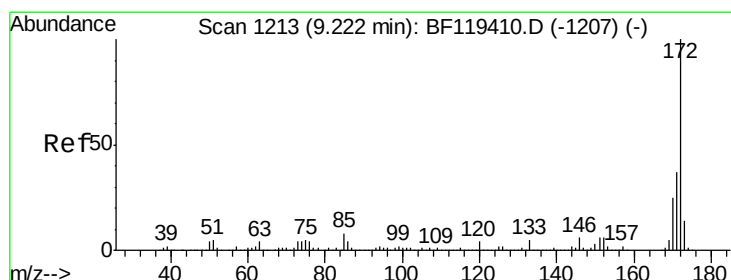
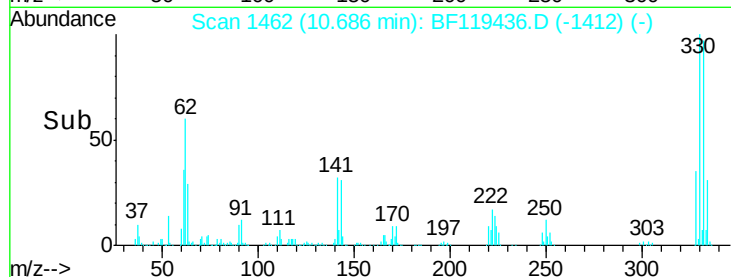
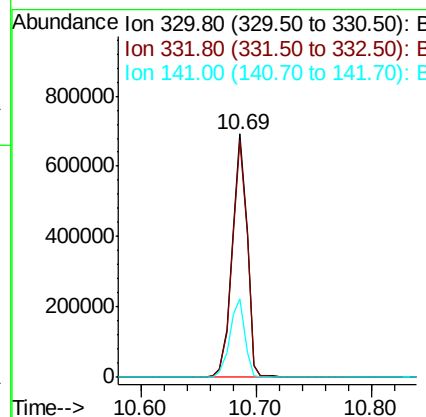
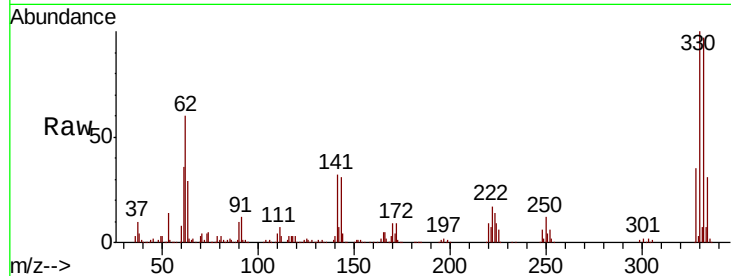
ClientSampled :

J+B-2A

Tot Ion:	330	Resp:	617570
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.6	116.4
141	32.7	26.6	40.0

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#45

2-Fluorobiphenyl

Concen: 66.805 ng

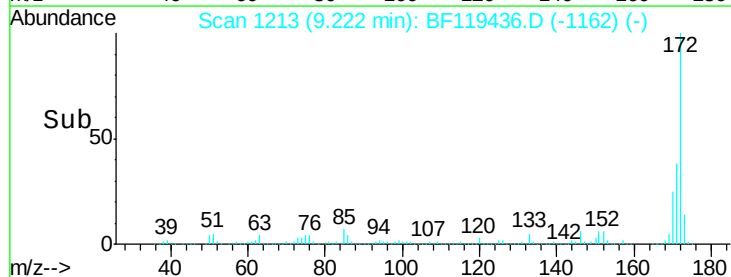
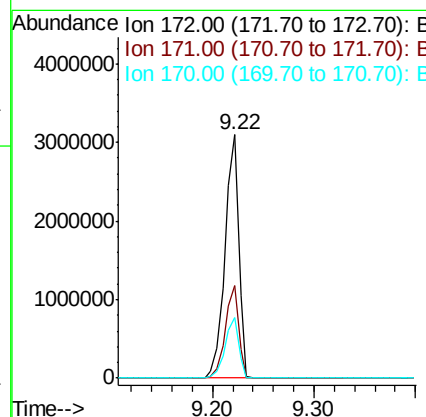
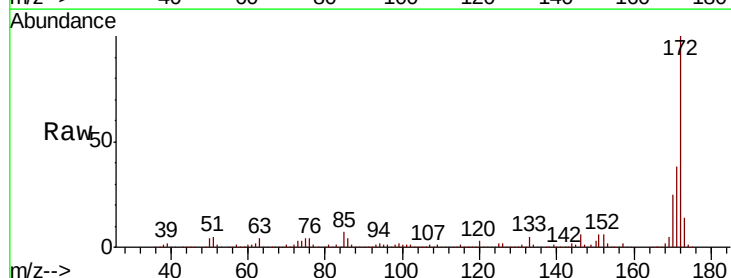
RT: 9.22 min Scan# 1213

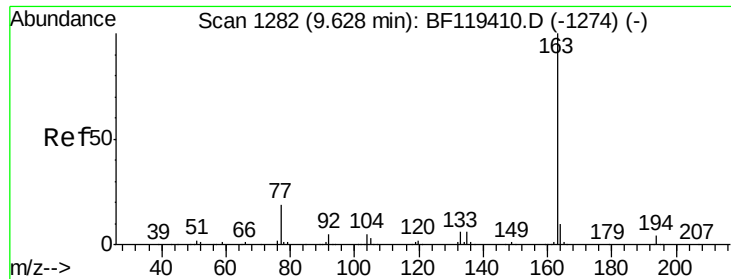
Delta R.T. -0.00 min

Lab File: BF119436.D

Acq: 19 Mar 2020 1:18

Tgt Ion:	172	Resp:	2918172
Ion Ratio	Lower	Upper	
172	100		
171	37.9	29.9	44.9
170	25.1	20.1	30.1





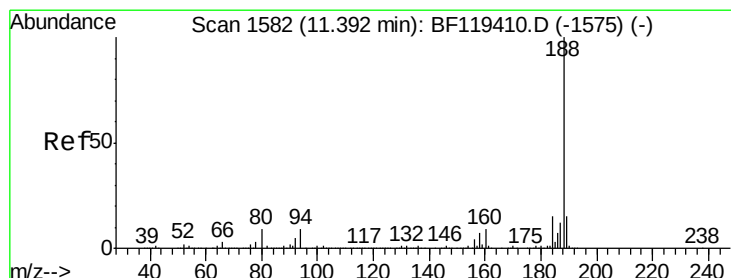
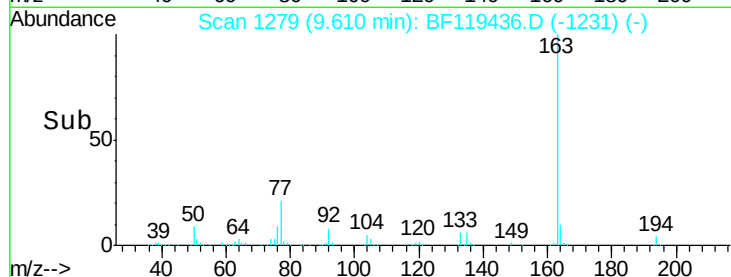
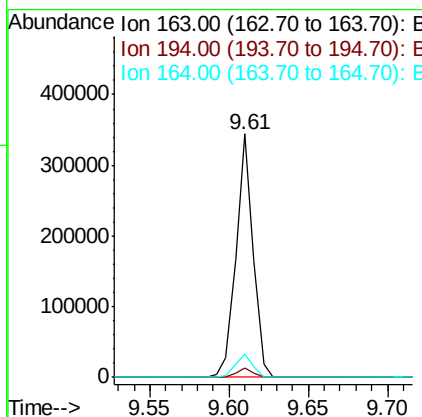
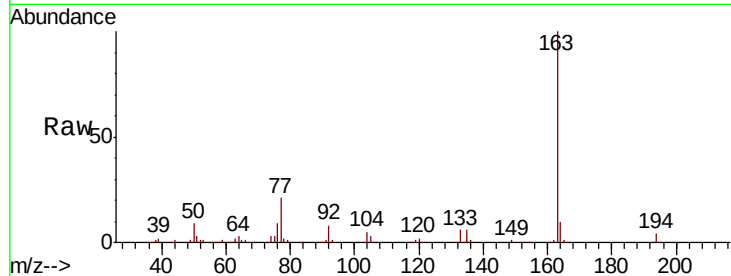
#50
Dimethylphthalate
Concen: 5.624 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF119436.D
Acq: 19 Mar 2020 1:18

Instrument :
BNA_F
ClientSampled :
J+B-2A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	258516		
194	3.7		3.2	4.8
164	9.6		8.1	12.1

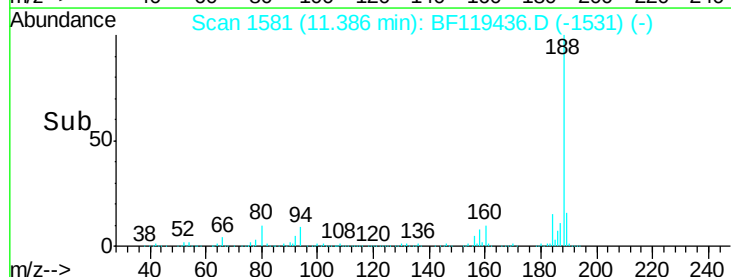
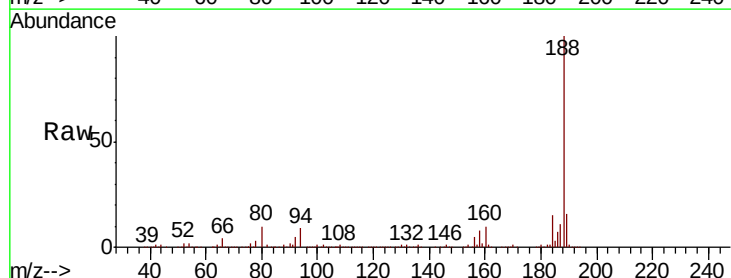
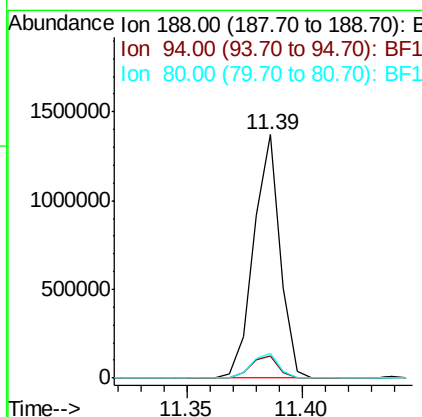
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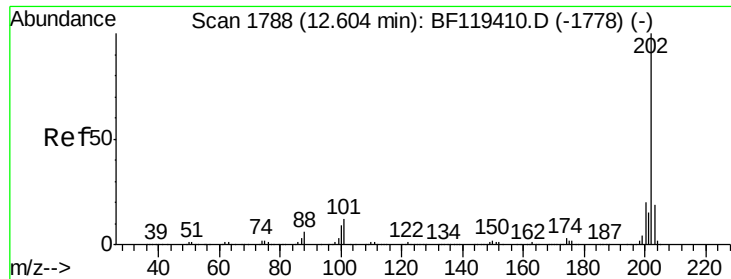
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119436.D
Acq: 19 Mar 2020 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1093831		
94	9.0		7.1	10.7
80	10.0		7.5	11.3





#75

Fluoranthene

Concen: 2.310 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119436.D

Acq: 19 Mar 2020 1:18

Instrument :

BNA_F

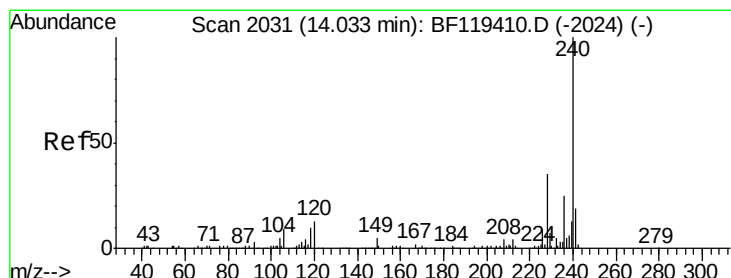
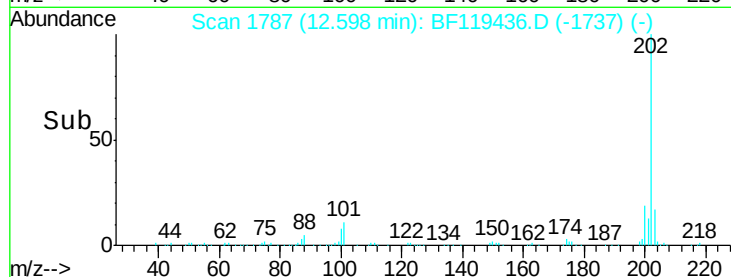
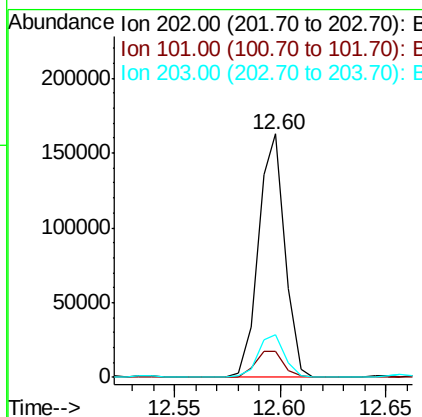
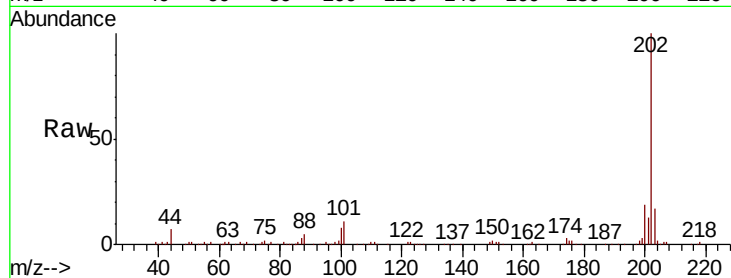
ClientSampleId :

J+B-2A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		141784		
101	10.9	0.0	32.4		
203	17.4	0.0	38.5		

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#76

Chrysene-d12

Concen: 20.000 ng

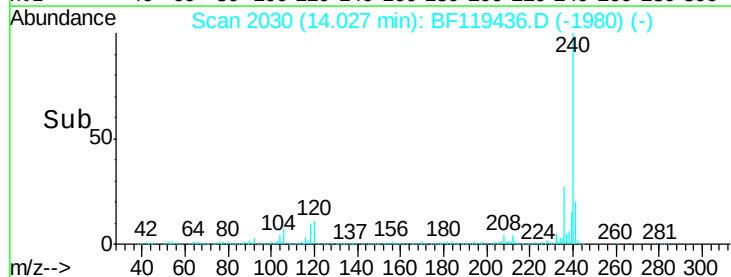
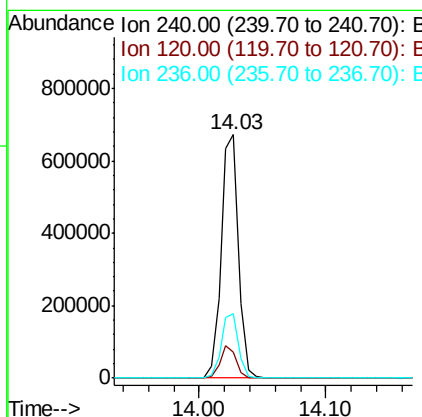
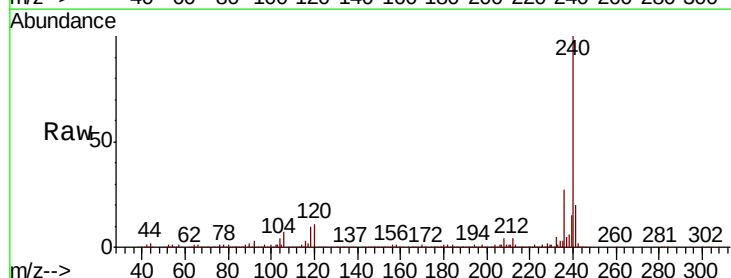
RT: 14.03 min Scan# 2030

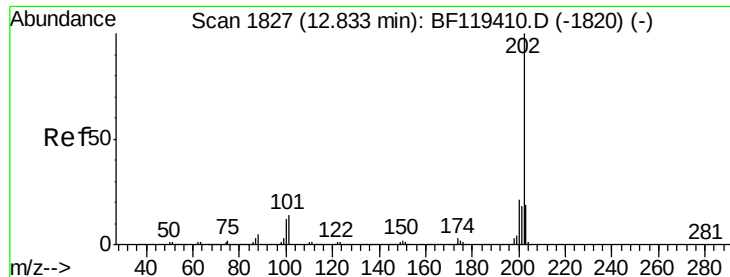
Delta R.T. -0.01 min

Lab File: BF119436.D

Acq: 19 Mar 2020 1:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		637071		
120	10.9	10.2	15.4		
236	26.7	20.4	30.6		





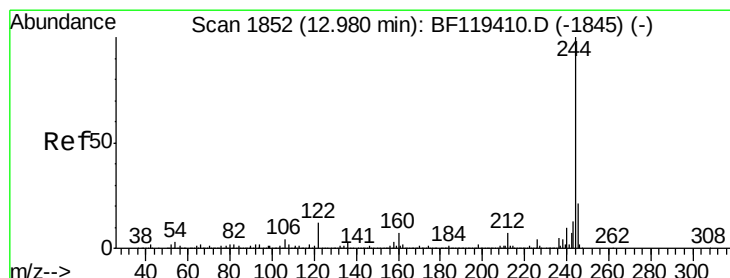
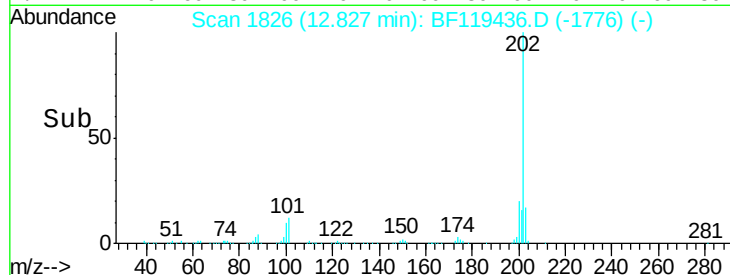
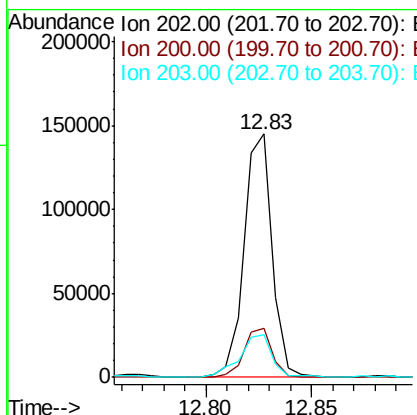
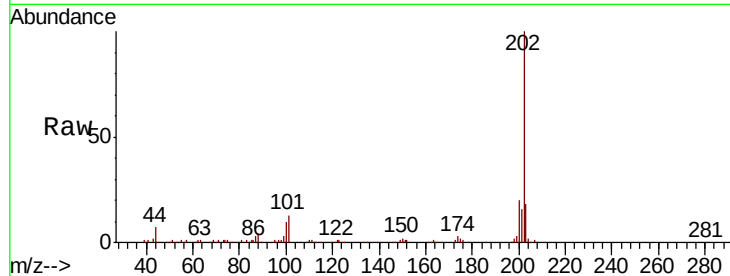
#78
Pvrene
Concen: 2.557 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF119436.D
Acq: 19 Mar 2020 1:18

Instrument :
BNA_F
ClientSampleId :
J+B-2A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	16.8	25.2
203	17.6	14.8	22.2

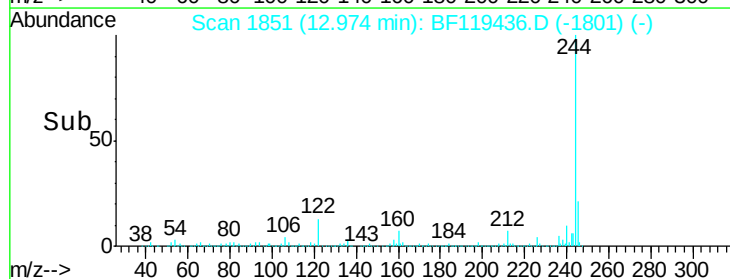
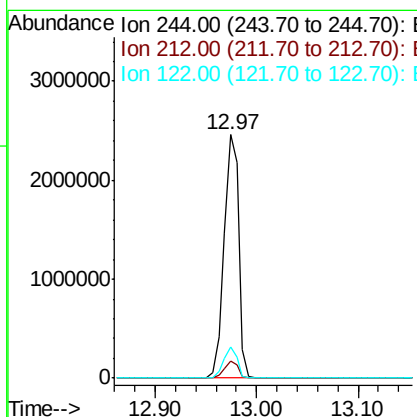
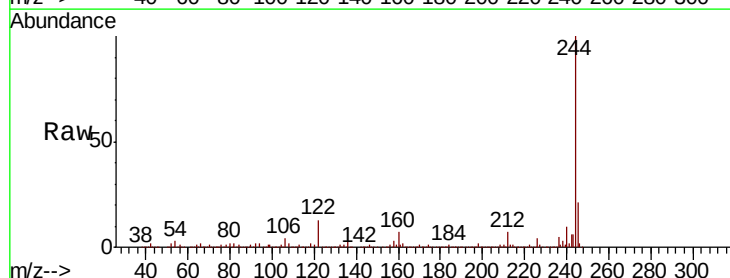
Manual Integrations
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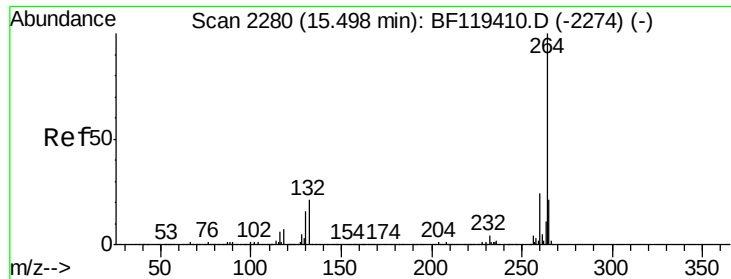
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#79
Terphenyl-d14
Concen: 75.046 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF119436.D
Acq: 19 Mar 2020 1:18

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.7	8.5
122	13.0	9.8	14.8





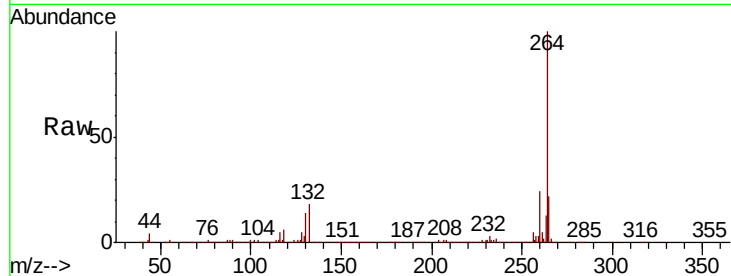
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF119436.D
Acq: 19 Mar 2020 1:18

Instrument :
BNA_F
ClientSampleId :
J+B-2A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.1	16.9	25.3

Manual Integrations
APPROVED

mohammad
3/19/2020 2:44:20 PM

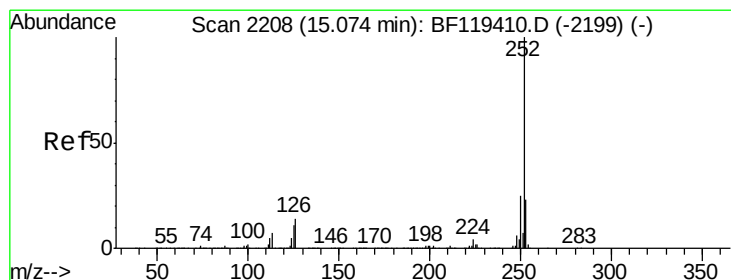
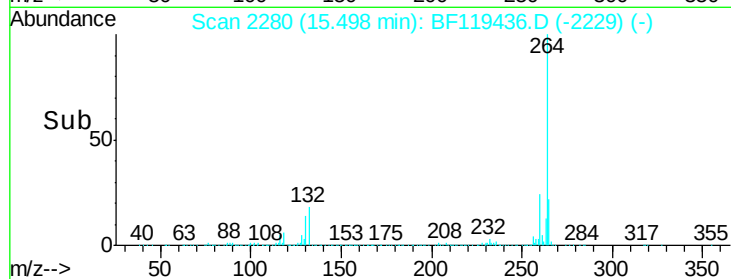
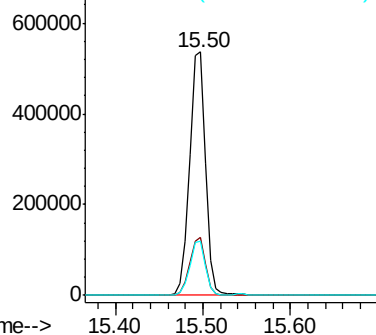


Abundance

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: 2.006 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119436.D
Acq: 19 Mar 2020 1:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	13.8	8.8	13.2#

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

