

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF119002.D
 Acq On : 21 Feb 2020 19:49
 Operator : CG/JU
 Sample : L1606-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 361

Manual Integrations
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Quant Time: Feb 24 02:54:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	144023	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	501096	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	229894	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	389823	20.00	ng	0.00
76) Chrysene-d12	13.90	240	360539	20.00	ng	0.00
87) Perylene-d12	15.33	264	329037	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	767605	89.07	ng	0.00
7) Phenol-d6	6.40	99	902163	86.07	ng	0.00
23) Nitrobenzene-d5	7.32	82	562861	59.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	227636	75.69	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	971667	62.26	ng	-0.01
79) Terphenyl-d14	12.85	244	1051169	50.20	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.50	163	67186	3.822	ng	99
71) Phenanthrene	11.29	178	46047	2.166	ng	99
75) Fluoranthene	12.48	202	85519	3.790	ng	99
78) Pyrene	12.71	202	88623	3.061	ng	99
83) Chrysene	13.93	228	49559	2.025	ng	97
88) Benzo(b)fluoranthene	14.93	252	52796m	2.434	ng	

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

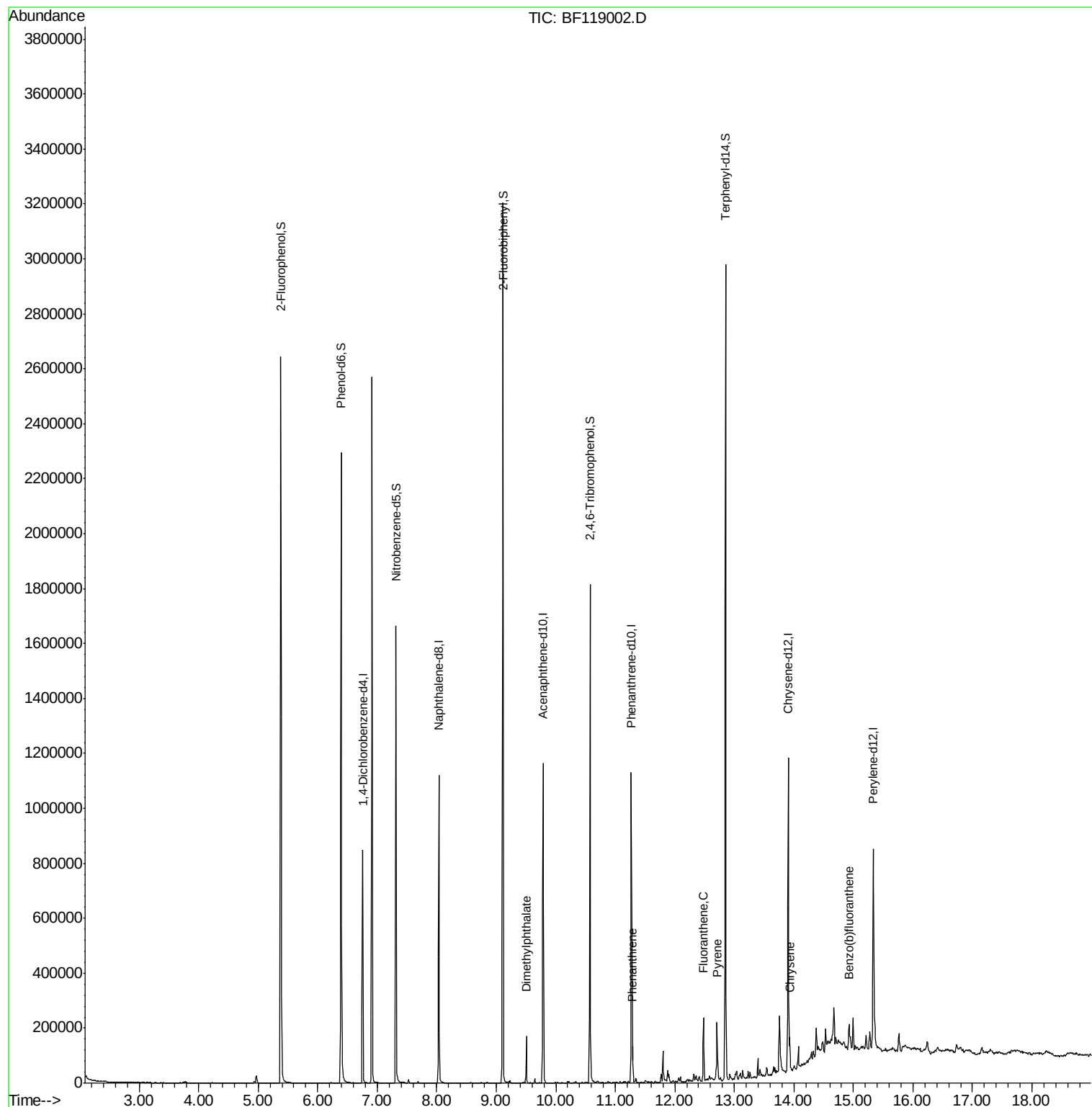
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119002.D
Acq On : 21 Feb 2020 19:49
Operator : CG/JU
Sample : L1606-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

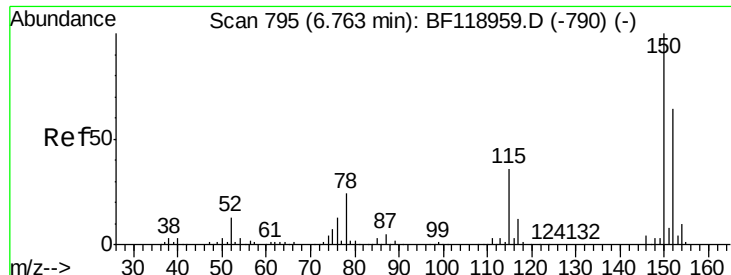
Instrument :
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361

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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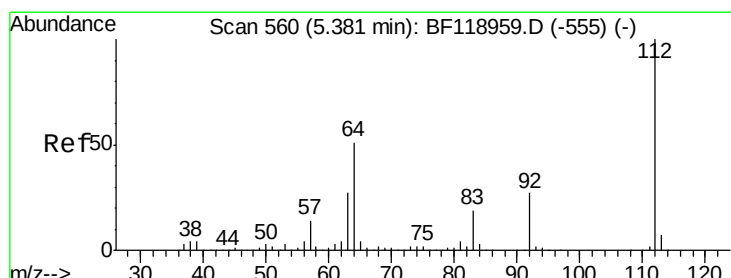
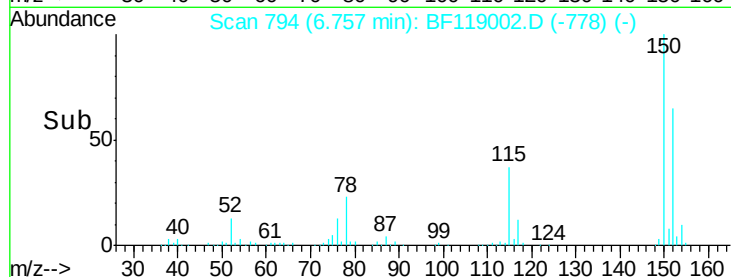
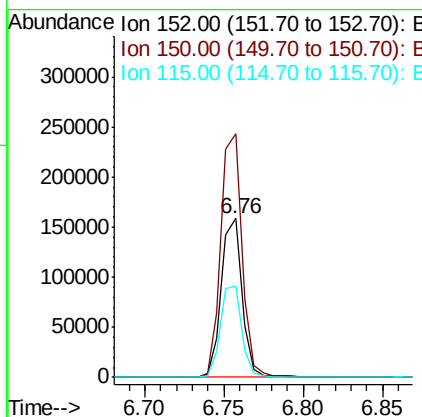
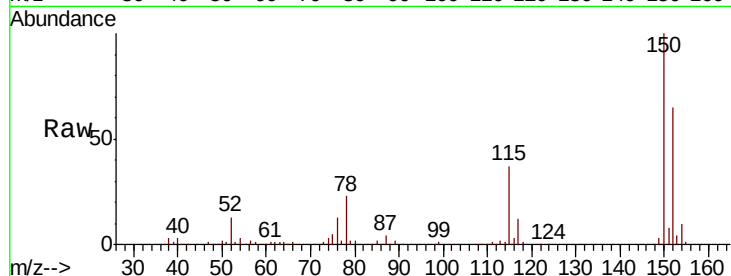
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF119002.D
 Acq: 21 Feb 2020 19:49

Instrument :
 BNA_F
 ClientSampleId :
 361

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.3	186.5
115	57.3	44.6	67.0

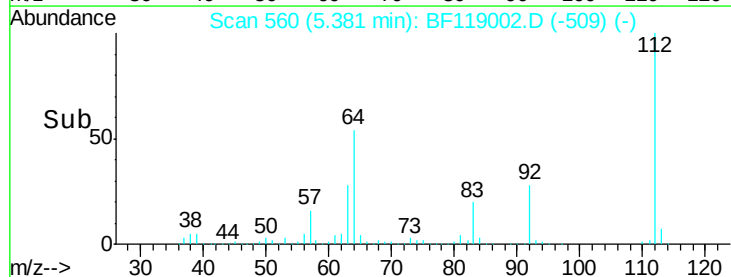
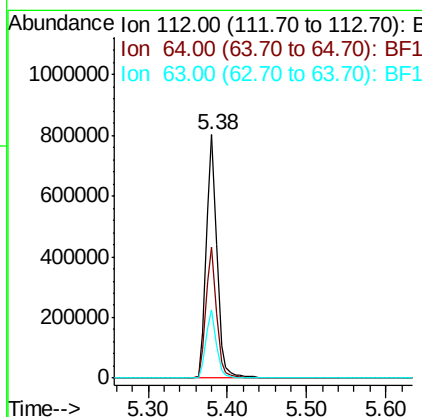
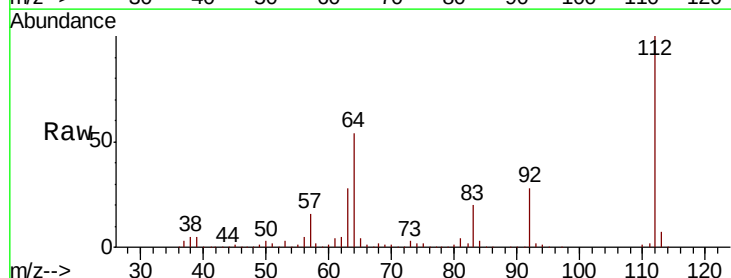
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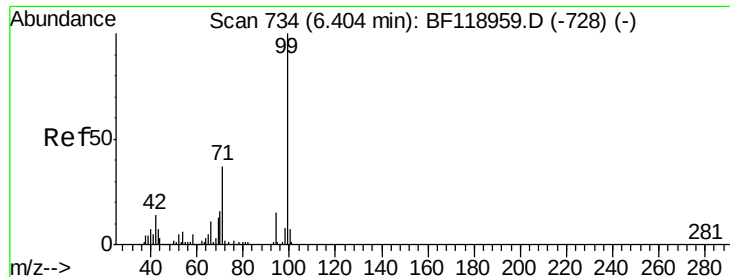
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#5
 2-Fluorophenol
 Concen: 89.069 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF119002.D
 Acq: 21 Feb 2020 19:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	40.4	60.6
63	28.0	21.3	31.9





#7

Phenol-d6

Concen: 86.075 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119002.D

Acq: 21 Feb 2020 19:49

Instrument :

BNA_F

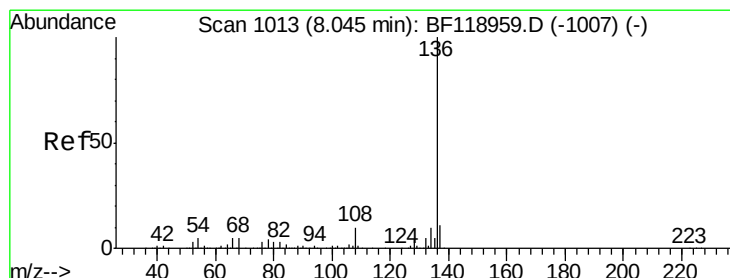
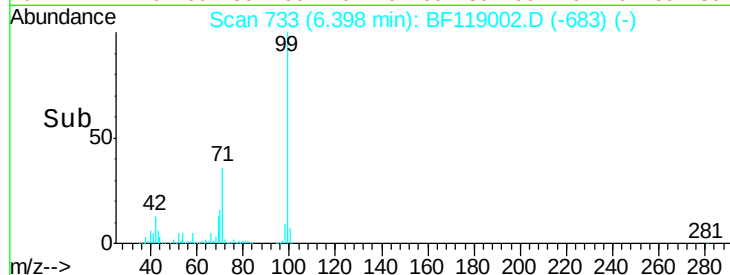
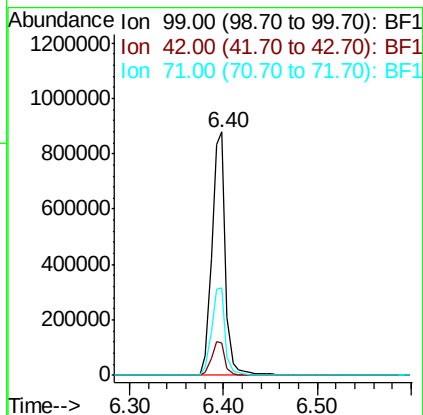
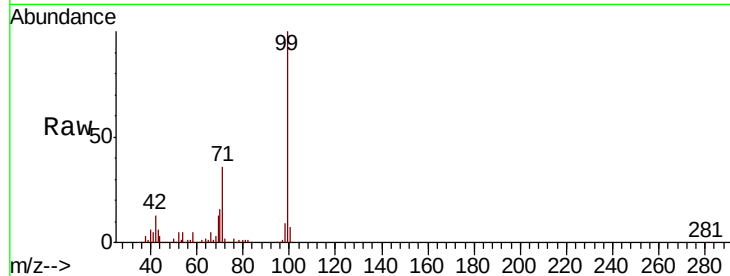
ClientSampleId :

361

Tot Ion:	99	Resp:	902163
Ion Ratio	Lower	Upper	
99	100		
42	13.4	11.4	17.0
71	35.9	29.8	44.6

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#21

Naphthalene-d8

Concen: 20.000 ng

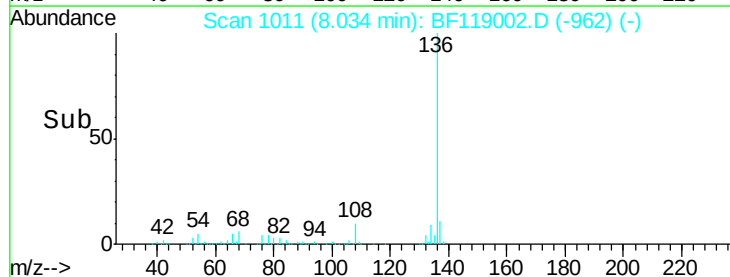
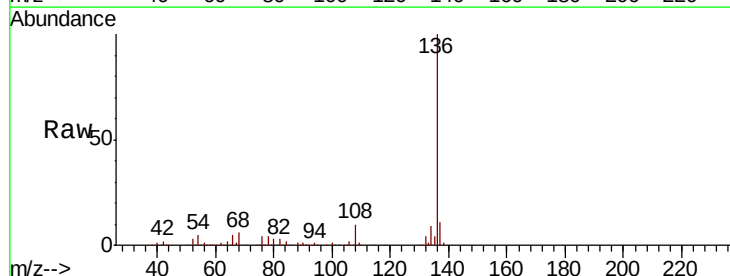
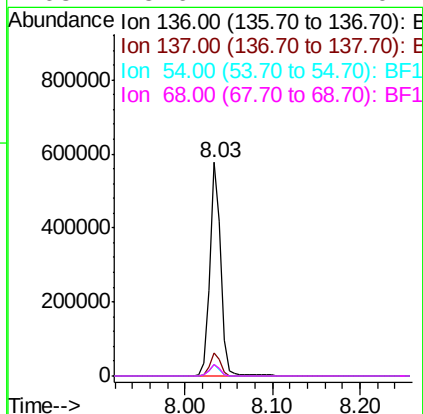
RT: 8.03 min Scan# 1011

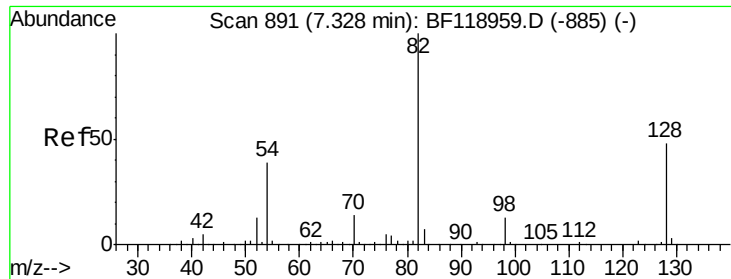
Delta R.T. -0.01 min

Lab File: BF119002.D

Acq: 21 Feb 2020 19:49

Tgt Ion:	136	Resp:	501096
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	5.3	3.8	5.6
68	5.6	4.2	6.2





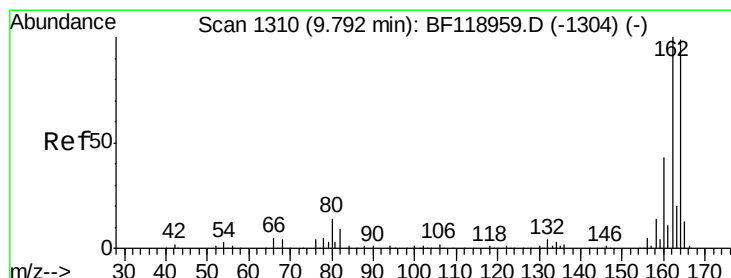
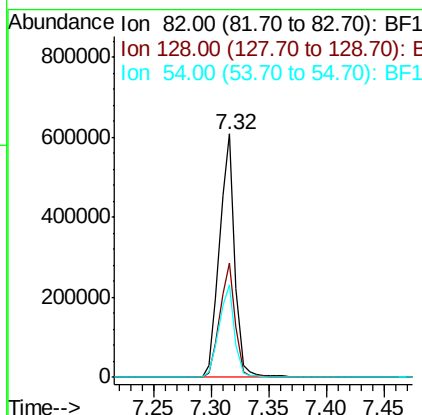
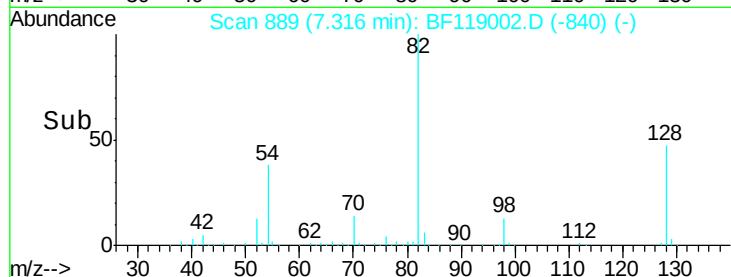
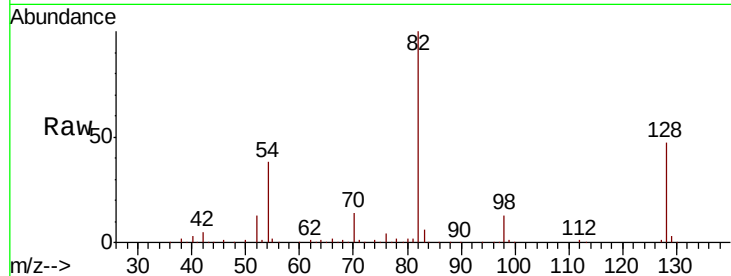
#23
 Nitrobenzene-d5
 Concen: 59.308 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119002.D
 Acq: 21 Feb 2020 19:49

Instrument :
 BNA_F
 ClientSampled :
 361

Tot Ion	82	Resp	562861
Ion Ratio	Lower	Upper	
82	100		
128	46.8	38.2	57.2
54	37.9	31.3	46.9

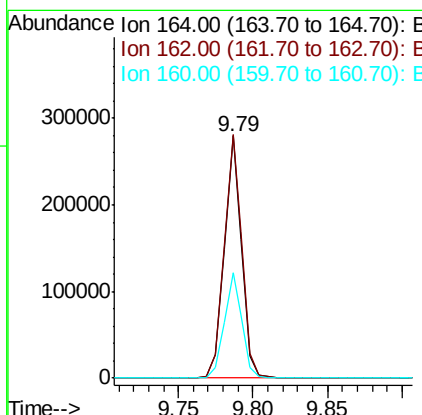
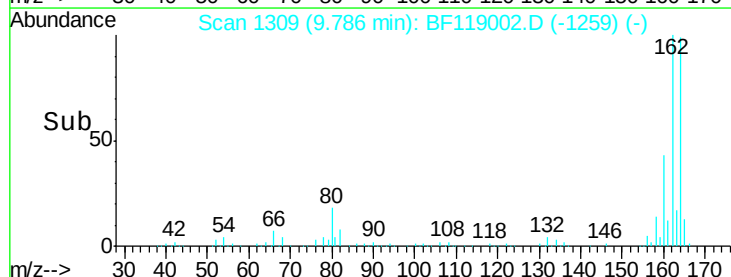
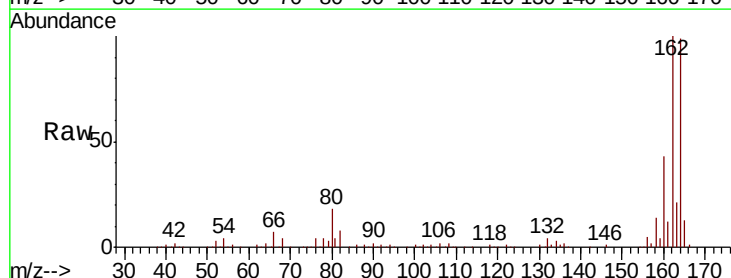
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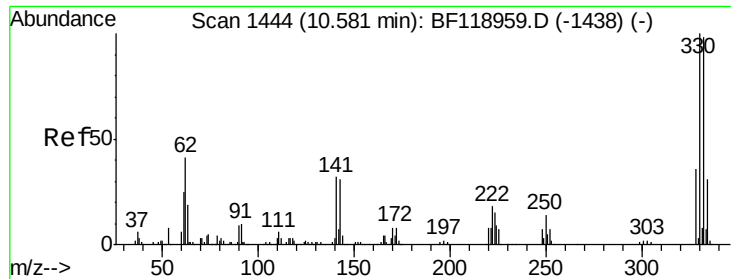
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119002.D
 Acq: 21 Feb 2020 19:49

Tgt Ion	164	Resp	229894
Ion Ratio	Lower	Upper	
164	100		
162	100.6	81.2	121.8
160	43.6	35.2	52.8





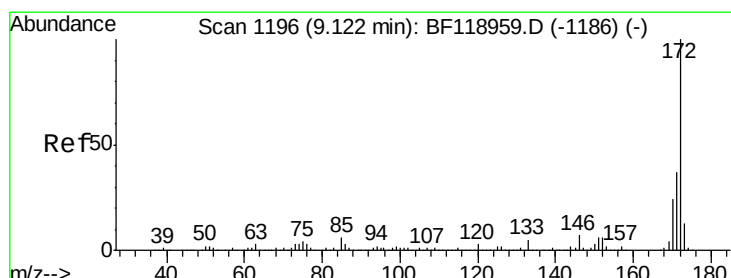
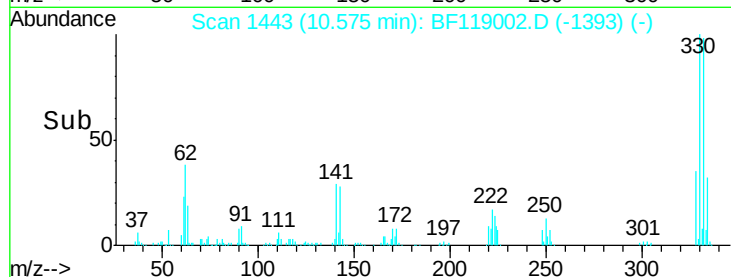
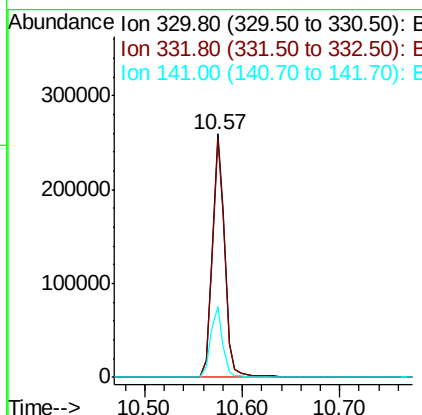
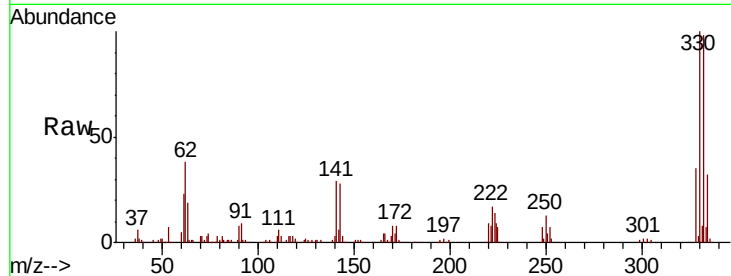
#42
 2,4,6-Tribromophenol
 Concen: 75.692 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119002.D
 Acq: 21 Feb 2020 19:49

Instrument :
 BNA_F
 ClientSampleId :
 361

Tot Ion	Ratio	Resp	Lower	Upper
330	100	227636		
332	97.2		77.1	115.7
141	28.4		23.0	34.6

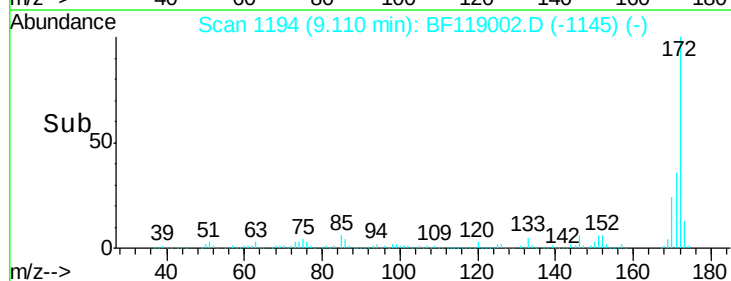
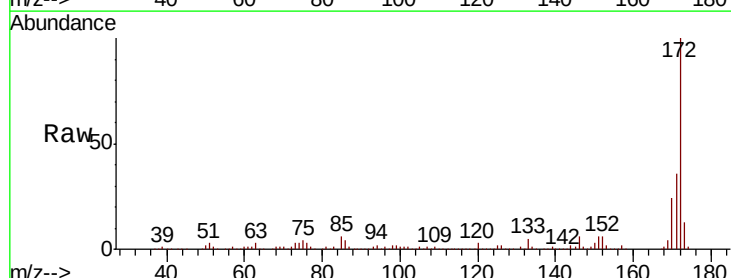
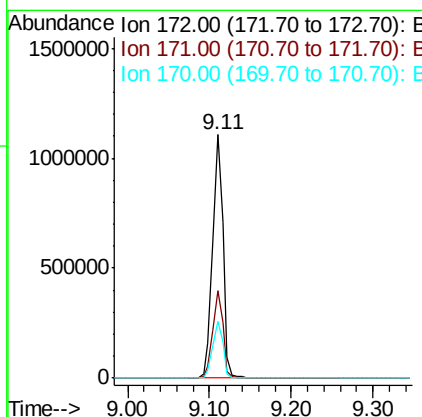
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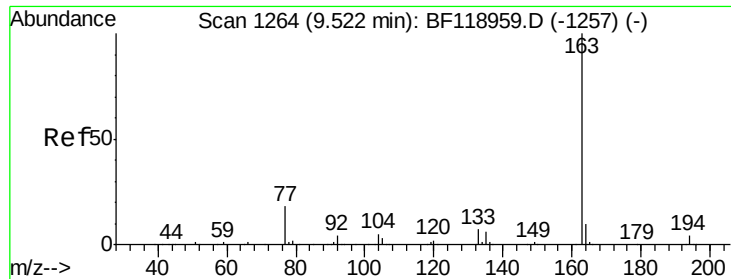
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#45
 2-Fluorobiphenyl
 Concen: 62.265 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119002.D
 Acq: 21 Feb 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	971667		
171	36.1		29.4	44.2
170	23.5		19.6	29.4





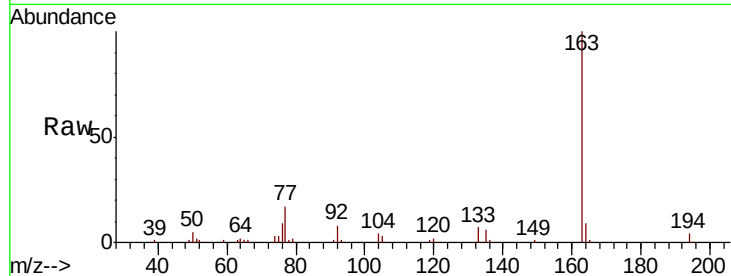
#50
Dimethylphthalate
Concen: 3.822 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Instrument :
BNA_F
ClientSampled :
361

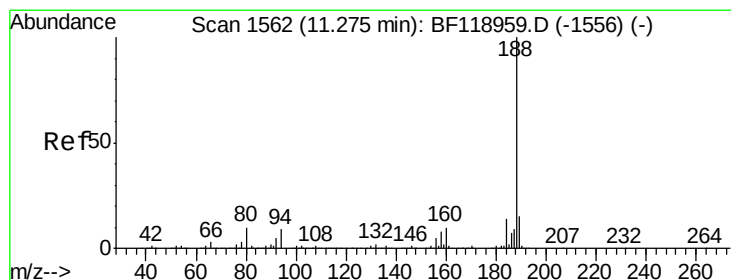
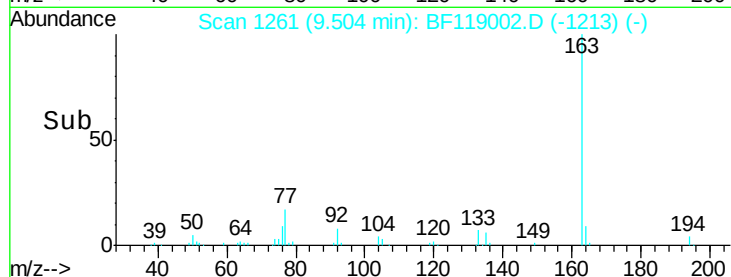
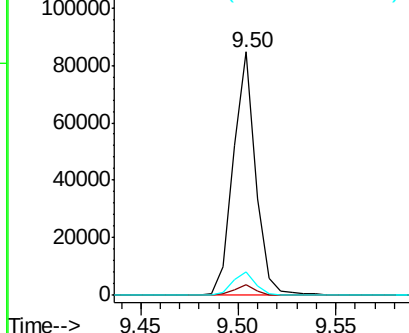
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.5	8.2	12.2

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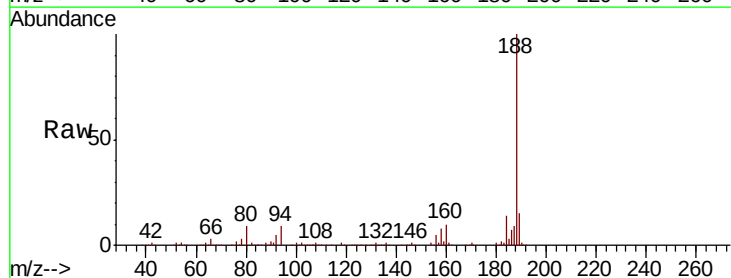


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

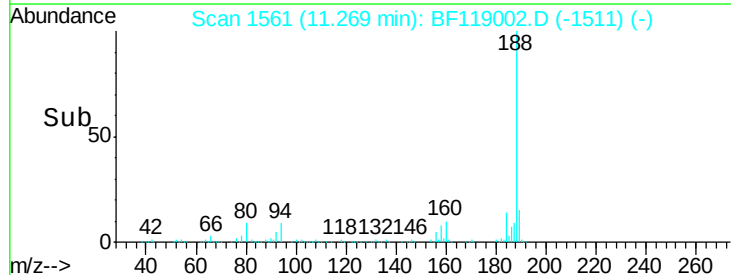
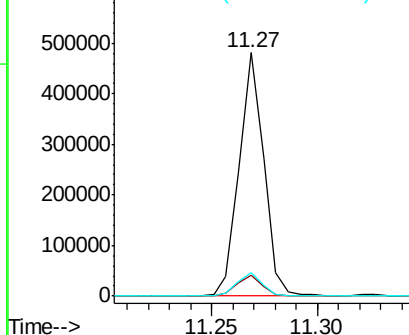


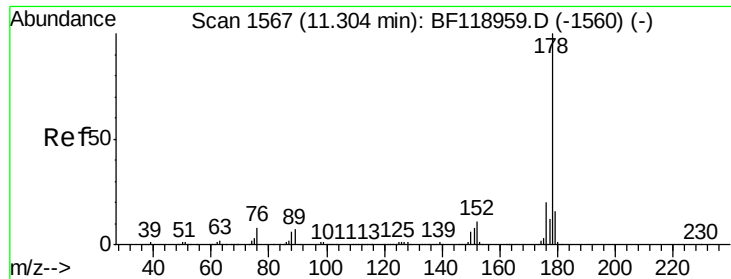
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	9.4	7.9	11.9



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





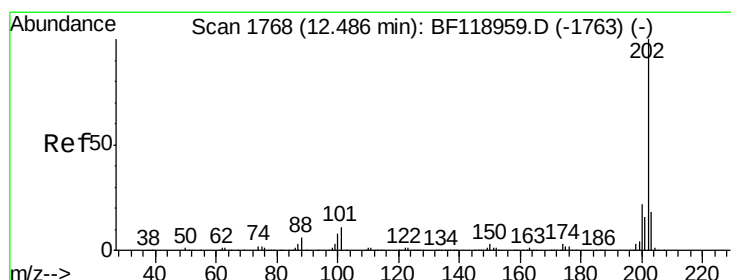
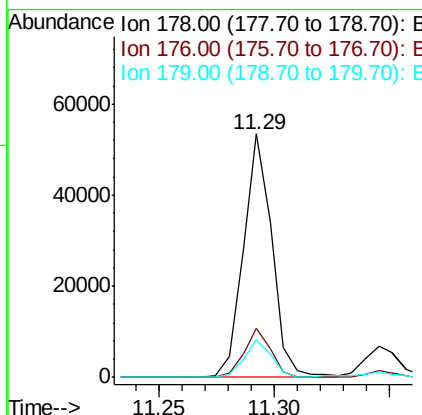
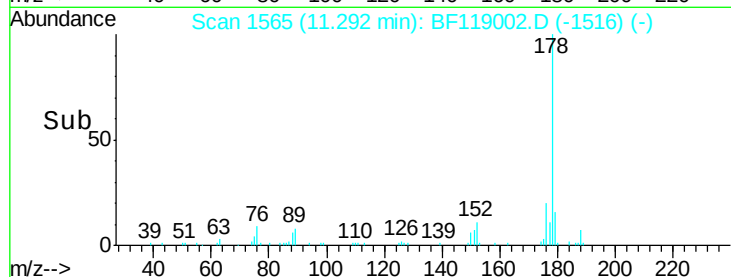
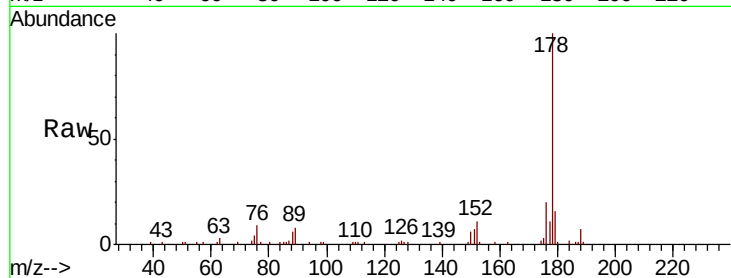
#71
Phenanthrene
Concen: 2.166 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Instrument :
BNA_F
ClientSampled :
361

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.6	23.4
179	15.5	12.6	18.8

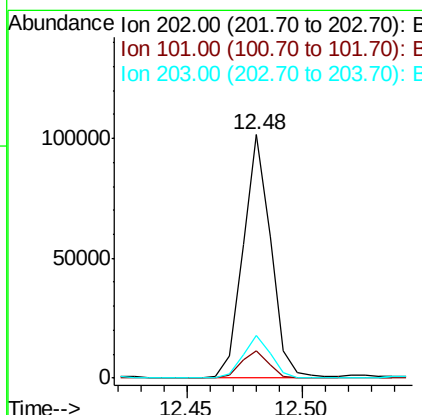
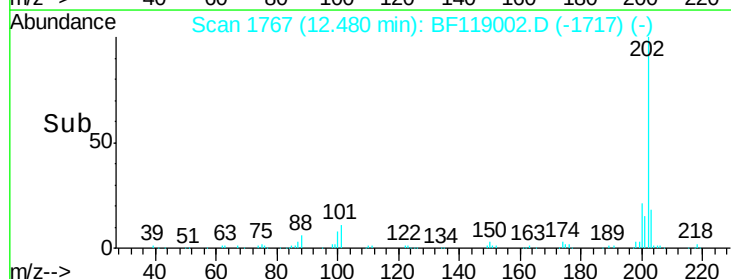
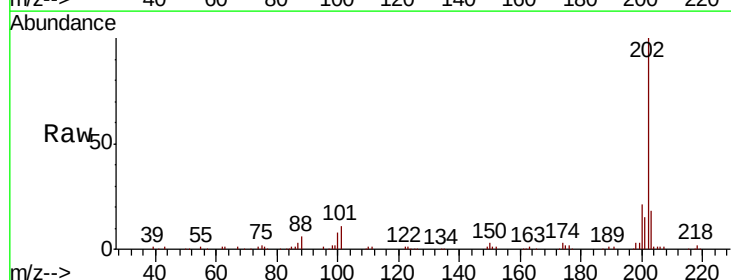
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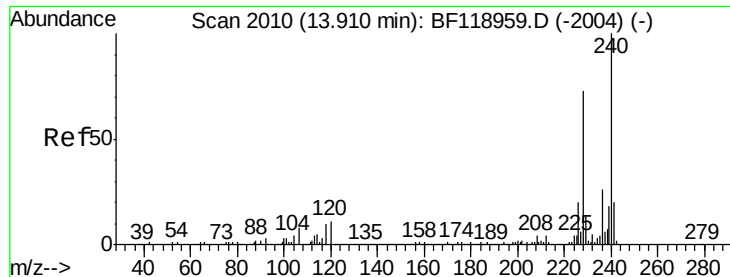
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#75
Fluoranthene
Concen: 3.790 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.1
203	17.6	0.0	38.1





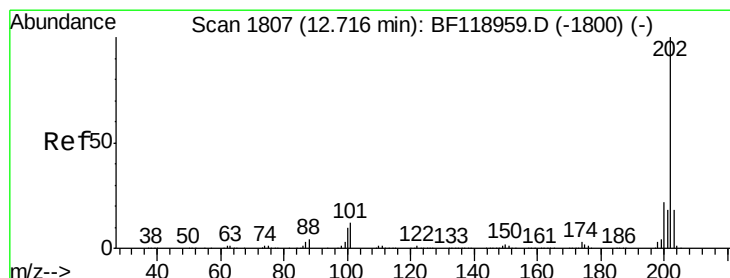
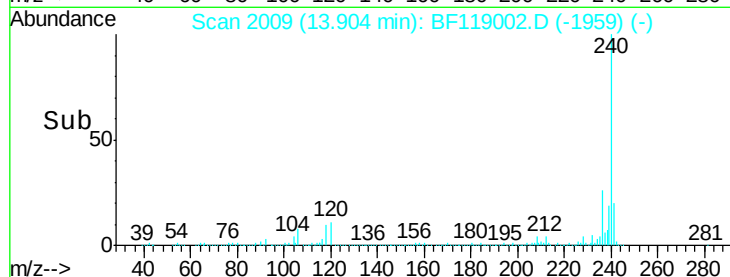
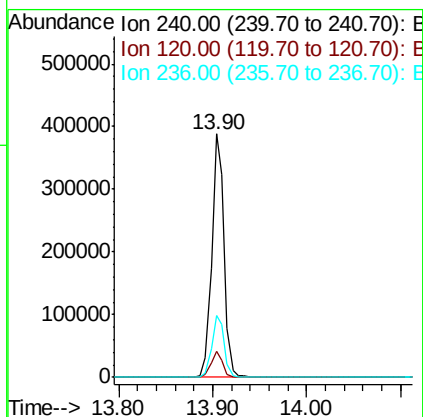
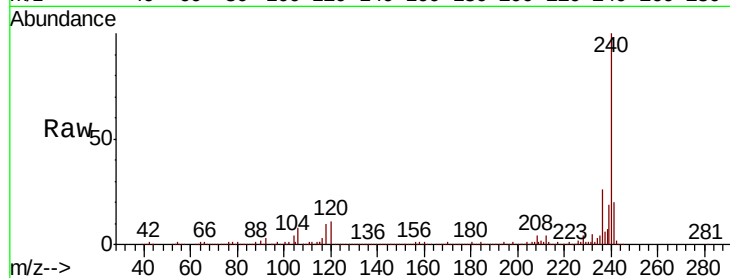
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Instrument :
BNA_F
ClientSampled :
361

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.6	20.6	30.8

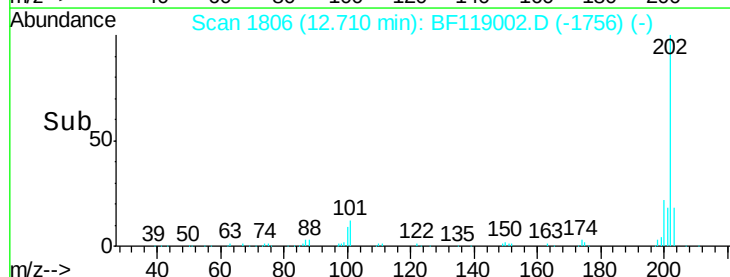
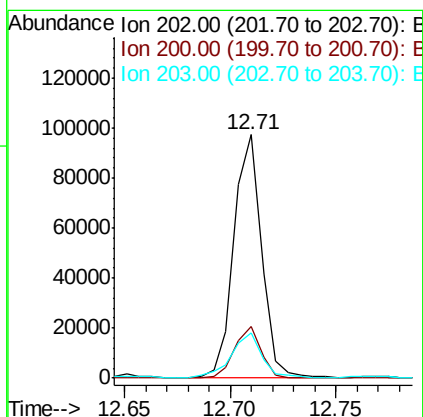
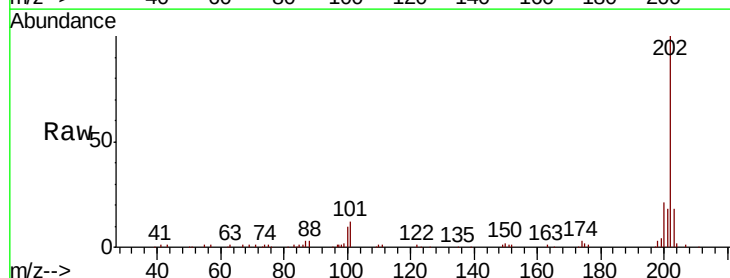
Manual Integrations
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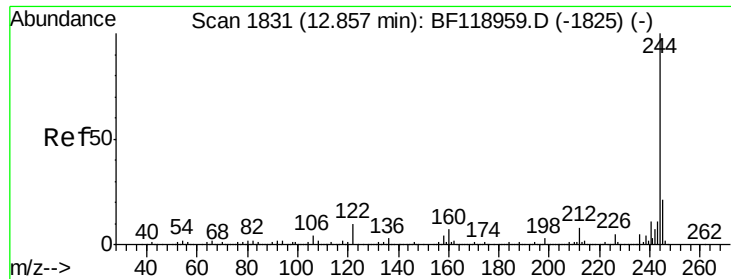
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#78
Pyrene
Concen: 3.061 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.0
203	18.4	14.5	21.7





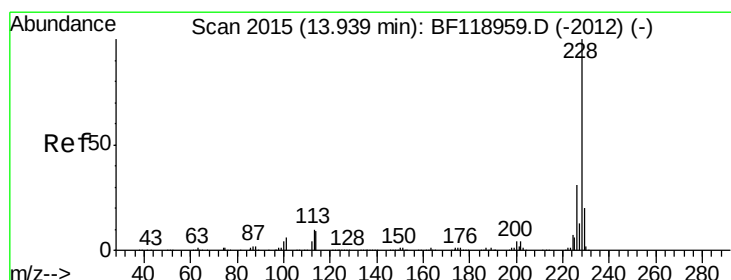
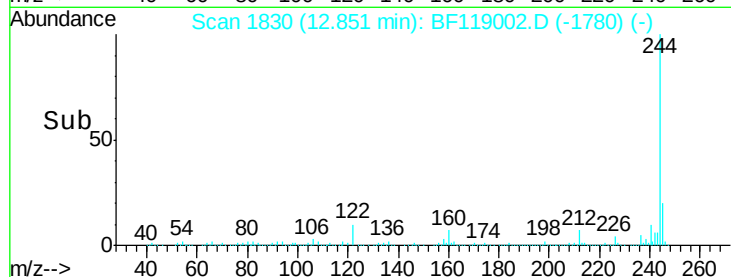
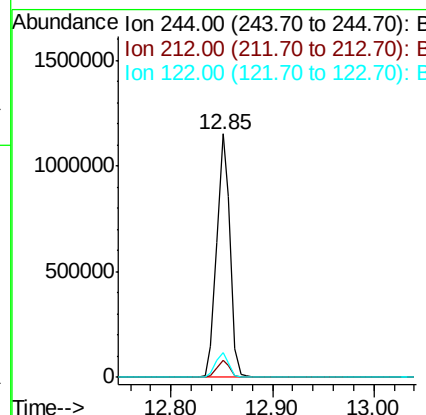
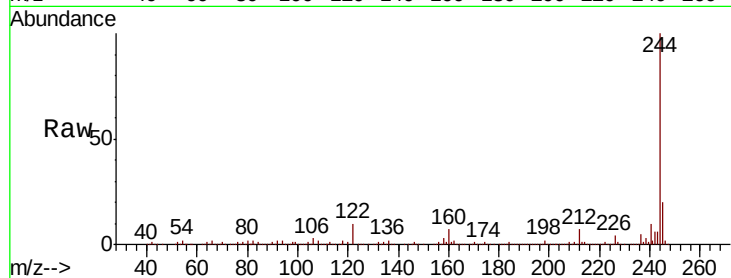
#79
 Terphenyl-d14
 Concen: 50.196 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119002.D
 Acq: 21 Feb 2020 19:49

Instrument :
 BNA_F
 ClientSampleId :
 361

Tot Ion:244 Resp: 1051169
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.3 9.5
 122 10.1 8.4 12.6

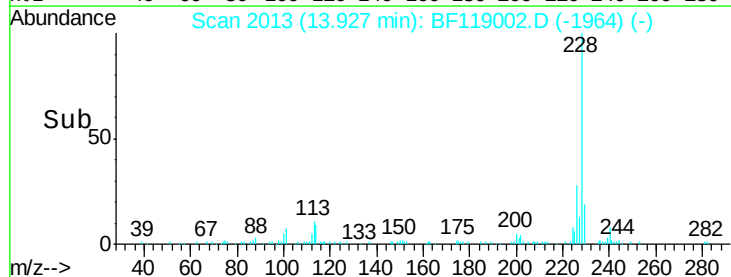
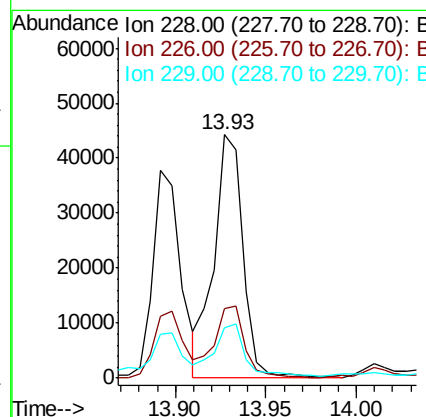
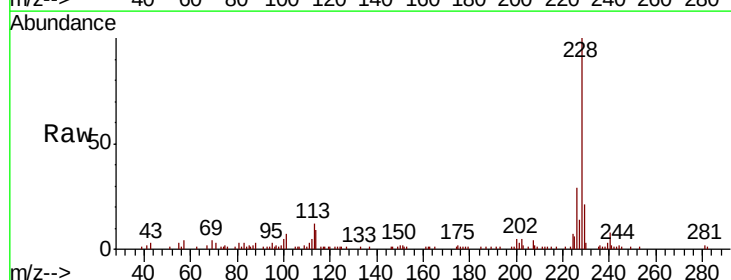
Manual Integrations
 APPROVED

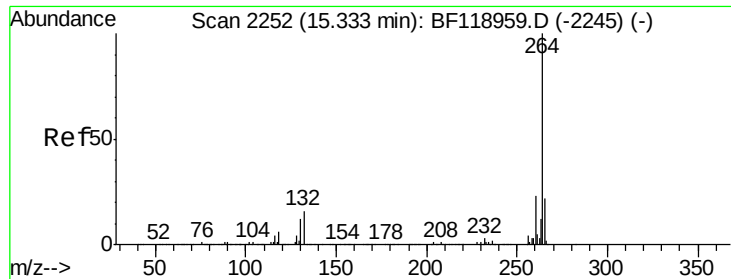
mohammad
 2/24/2020 2:11:37 PM



#83
 Chrysene
 Concen: 2.025 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF119002.D
 Acq: 21 Feb 2020 19:49

Tgt Ion:228 Resp: 49559
 Ion Ratio Lower Upper
 228 100
 226 28.7 24.6 37.0
 229 20.9 16.2 24.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF119002.D

Acq: 21 Feb 2020 19:49

Instrument :

BNA_F

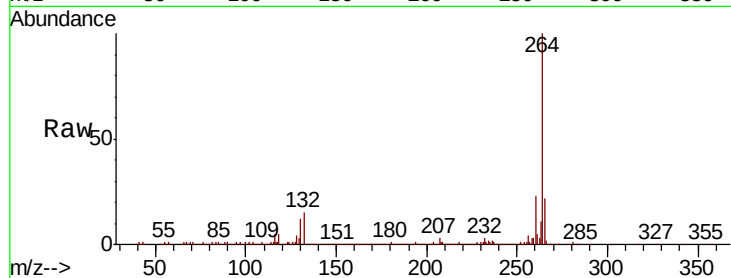
ClientSampled :

361

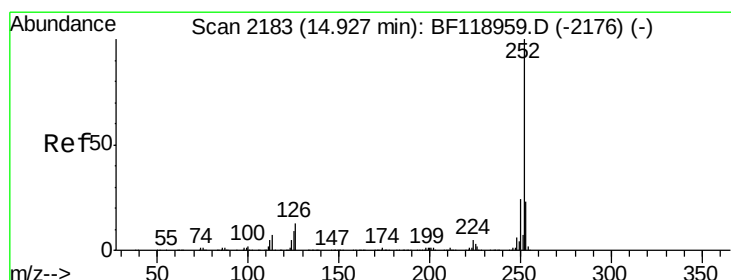
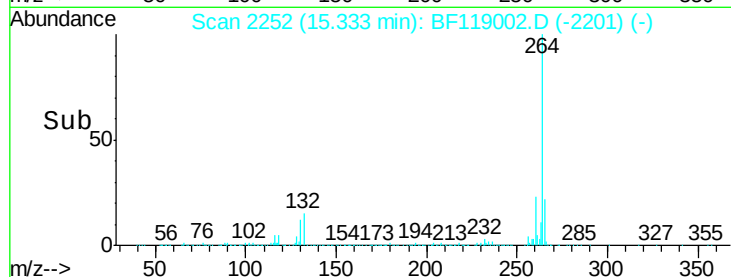
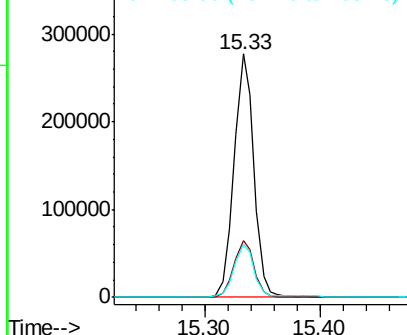
Tot Ion:	264	Resp:	329037
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.6	28.0
265	21.9	17.3	25.9

Manual Integrations
APPROVED

mohammad
2/24/2020 2:11:37 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: 2.434 ng m

RT: 14.93 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BF119002.D

Acq: 21 Feb 2020 19:49

Tgt Ion:	252	Resp:	52796
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.2	27.2
125	11.7	7.4	11.0#

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

