

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008066.D
 Acq On : 20 Nov 2021 19:57
 Operator : CG/JU
 Sample : M4708-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JC-02-111621

Quant Time: Nov 22 05:34:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

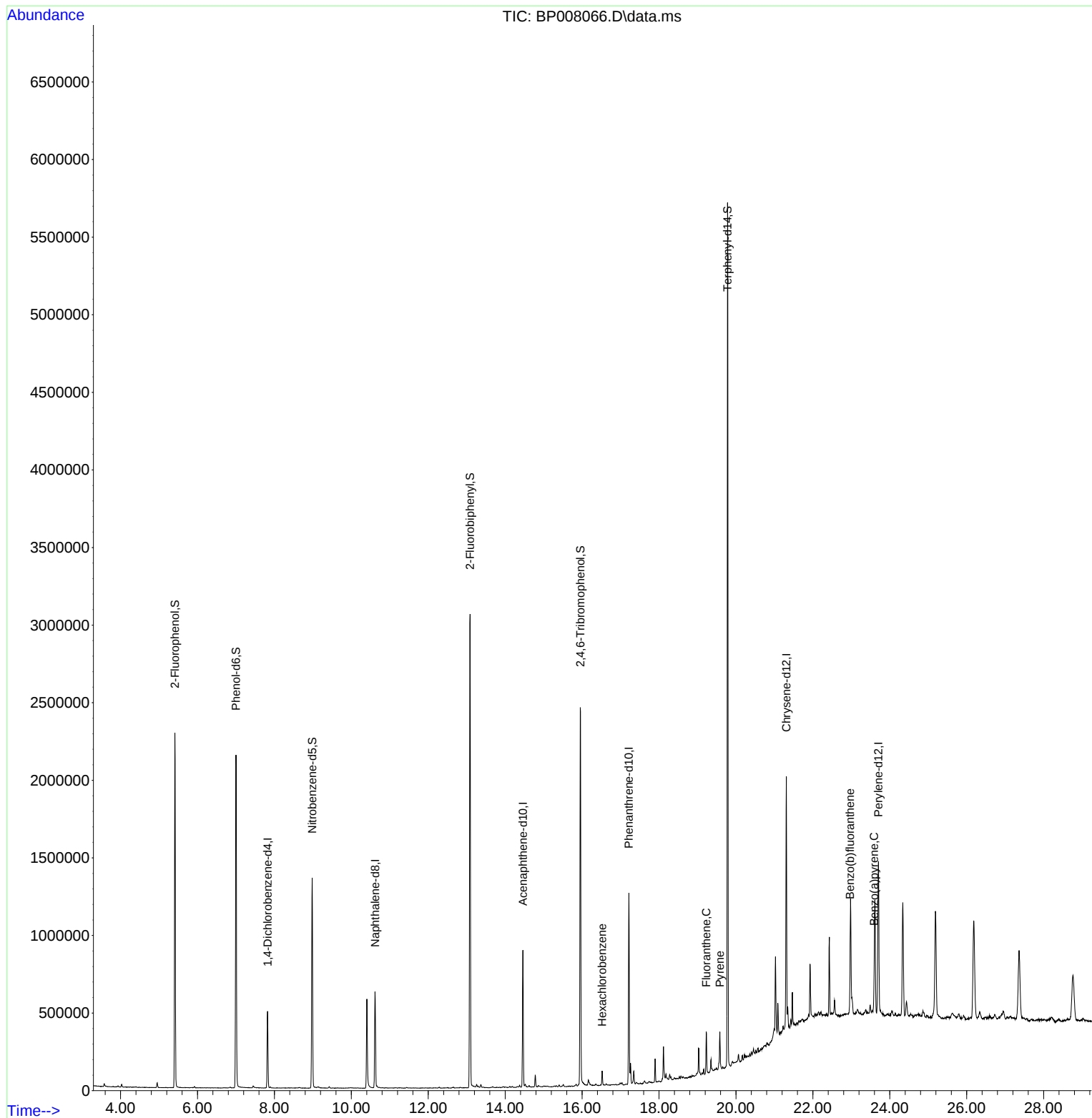
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	128742	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	482014	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	319923	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	719488	20.000	ng	-0.01
76) Chrysene-d12	21.310	240	752651	20.000	ng	-0.01
86) Perylene-d12	23.704	264	777558	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	890680	118.252	ng	0.00
7) Phenol-d6	6.999	99	1189682	113.946	ng	-0.01
23) Nitrobenzene-d5	8.981	82	781222	73.525	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	460361	113.706	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	1604629	78.538	ng	0.00
79) Terphenyl-d14	19.780	244	2649431	69.208	ng	-0.02
Target Compounds						
						Qvalue
68) Hexachlorobenzene	16.522	284	17433	2.067	ng	98
75) Fluoranthene	19.228	202	152045	3.043	ng	98
78) Pyrene	19.580	202	141208	2.763	ng	98
88) Benzo(b)fluoranthene	22.969	252	114960	2.365	ng	# 92
90) Benzo(a)pyrene	23.592	252	97358	2.390	ng	# 92

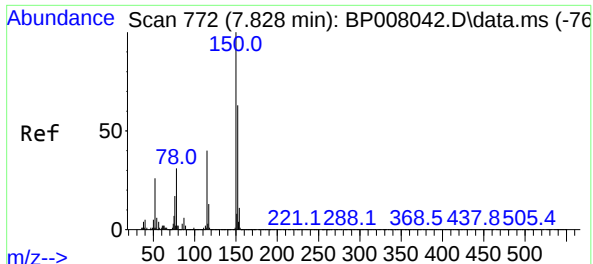
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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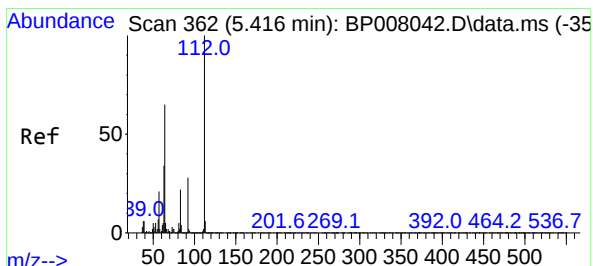
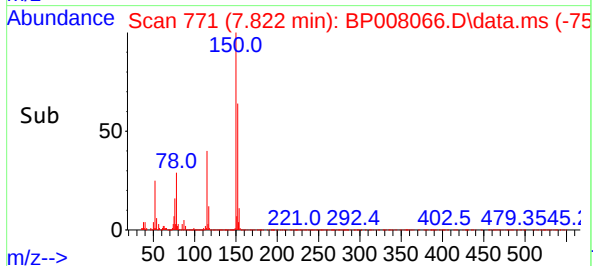
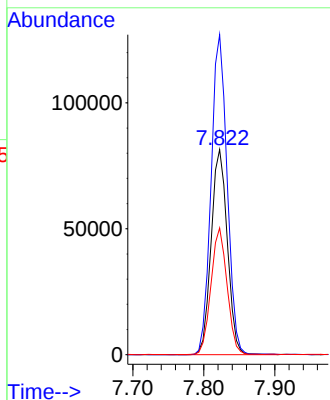
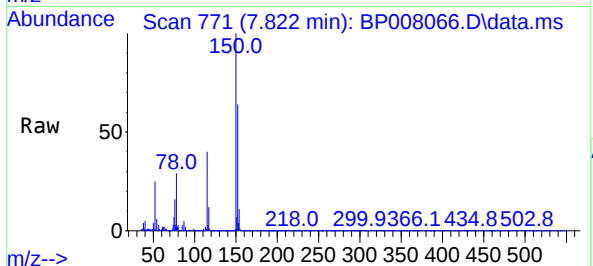




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

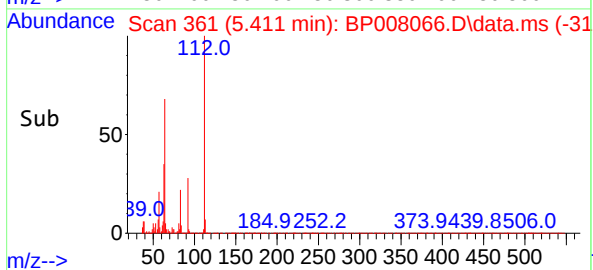
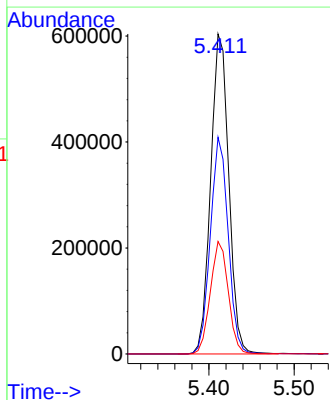
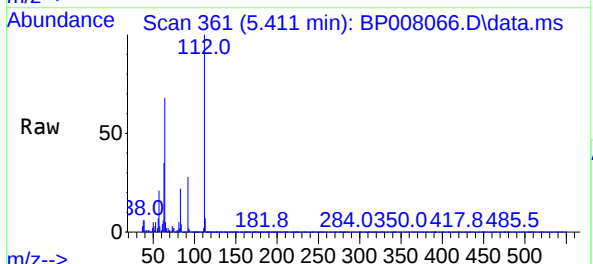
Instrument :
BNA_P
ClientSampleId :
JC-02-111621

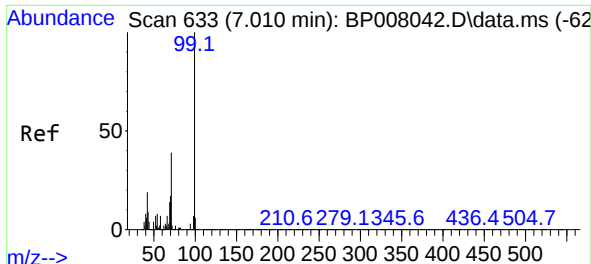
Tgt Ion:152 Resp: 128742
Ion Ratio Lower Upper
152 100
150 156.0 126.5 189.7
115 61.8 50.6 75.8



#5
2-Fluorophenol
Concen: 118.252 ng
RT: 5.411 min Scan# 361
Delta R.T. -0.005 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

Tgt Ion:112 Resp: 890680
Ion Ratio Lower Upper
112 100
64 67.7 51.7 77.5
63 35.1 27.4 41.0



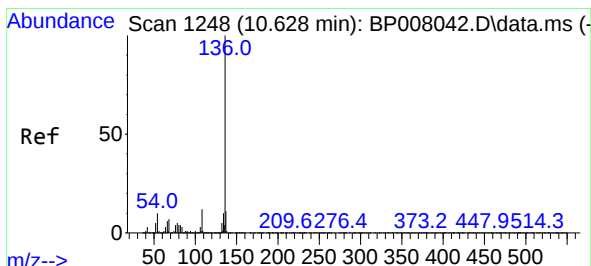
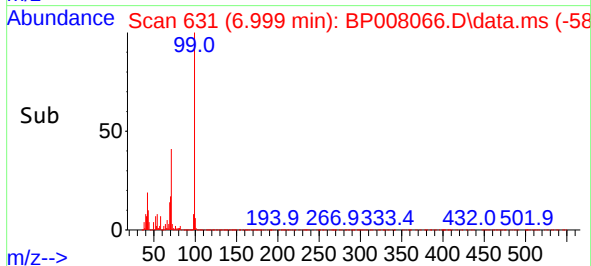
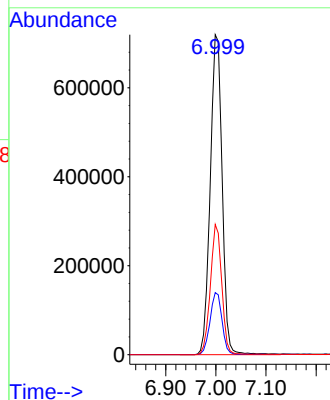
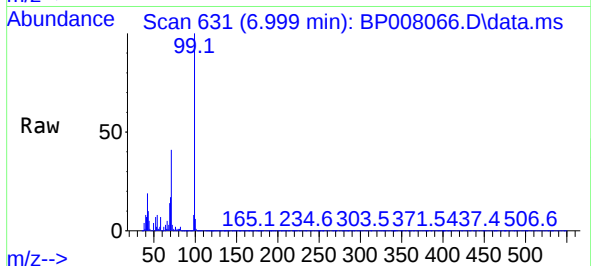


#7
Phenol-d6
Concen: 113.946 ng
RT: 6.999 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

Instrument :
BNA_P
ClientSampleId :
JC-02-111621

Tgt Ion: 99 Resp: 1189682

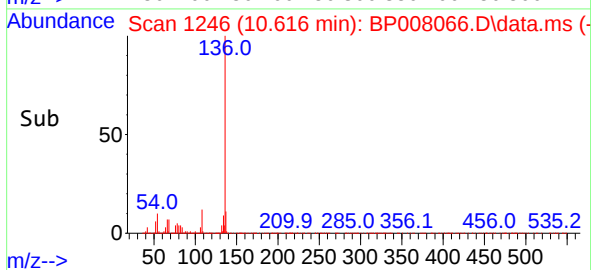
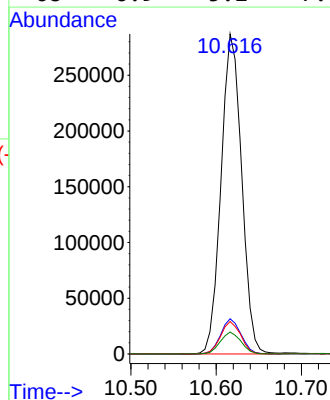
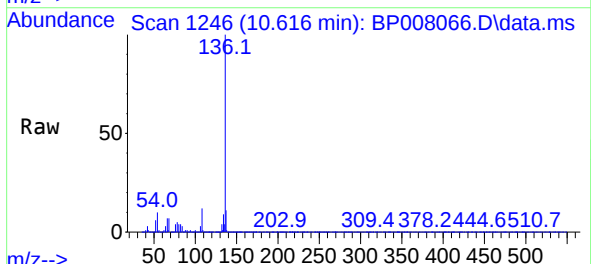
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.4	23.2
71	40.7	31.0	46.6

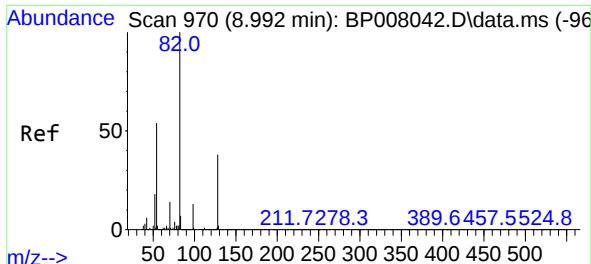


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1246
Delta R.T. -0.012 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

Tgt Ion: 136 Resp: 482014

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.1	8.0	12.0
68	6.9	5.2	7.8

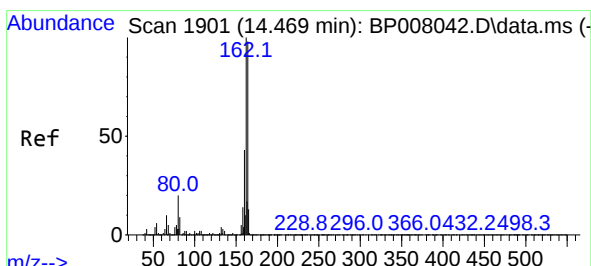
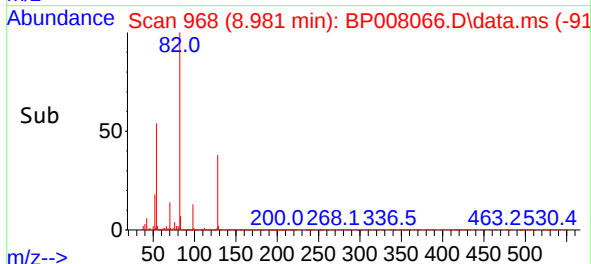
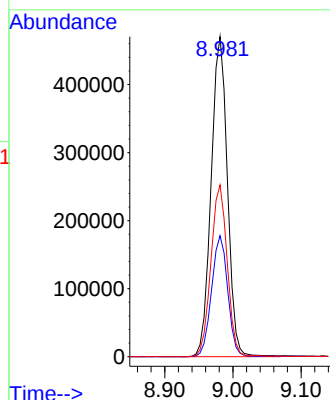
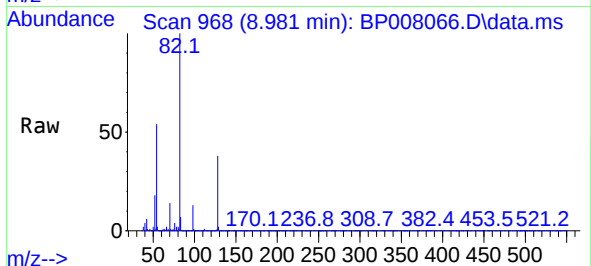




#23
Nitrobenzene-d5
Concen: 73.525 ng
RT: 8.981 min Scan# 90
Delta R.T. -0.011 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

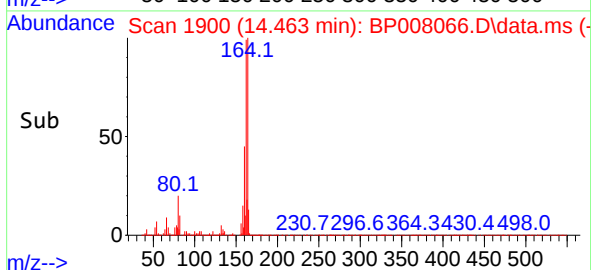
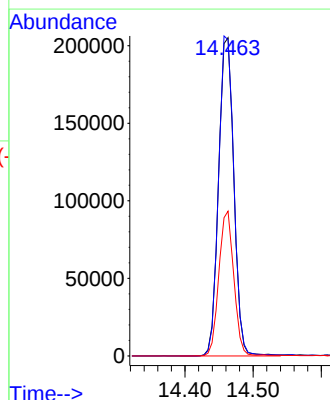
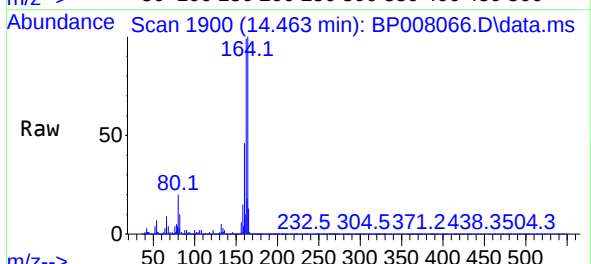
Instrument :
BNA_P
ClientSampleId :
JC-02-111621

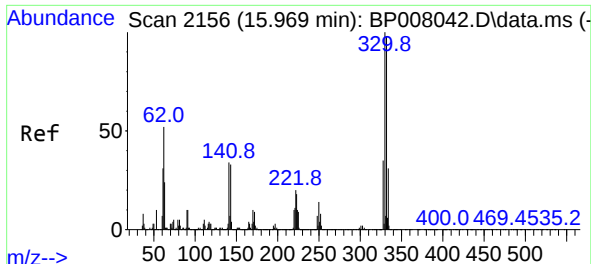
Tgt Ion: 82 Resp: 781222
Ion Ratio Lower Upper
82 100
128 37.8 30.2 45.2
54 53.7 43.1 64.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

Tgt Ion: 164 Resp: 319923
Ion Ratio Lower Upper
164 100
162 99.3 81.8 122.8
160 45.5 35.1 52.7

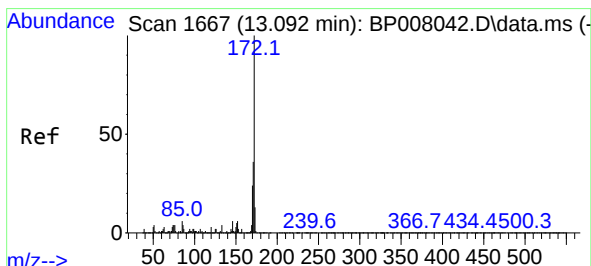
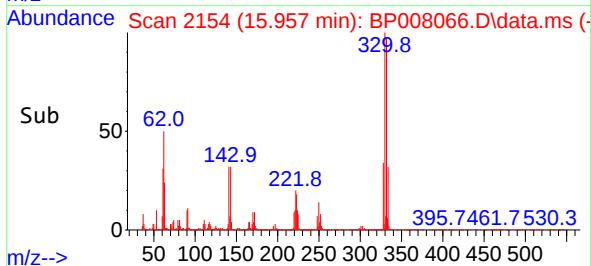
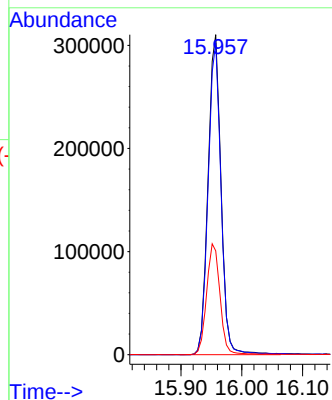
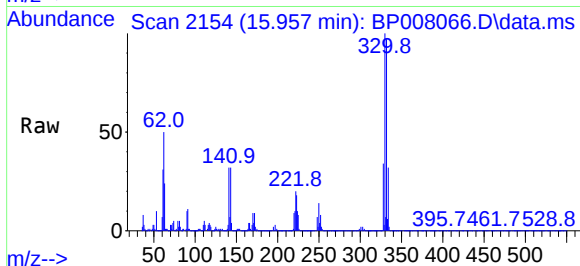




#42
2,4,6-Tribromophenol
Concen: 113.706 ng
RT: 15.957 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

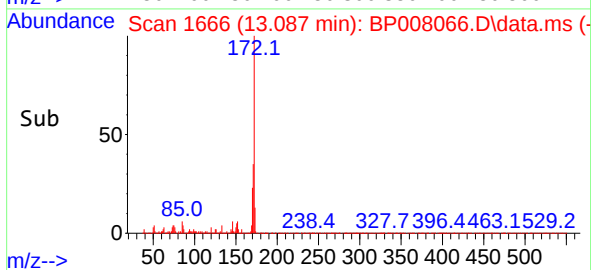
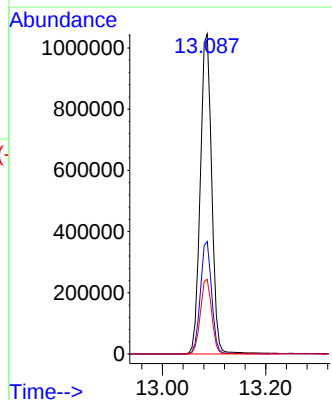
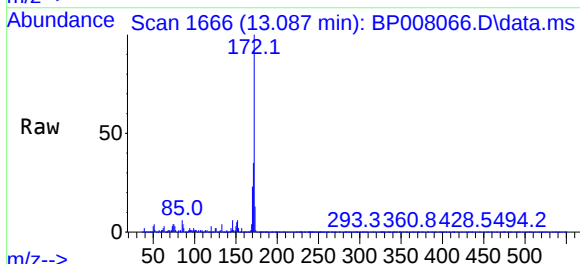
Instrument :
BNA_P
ClientSampleId :
JC-02-111621

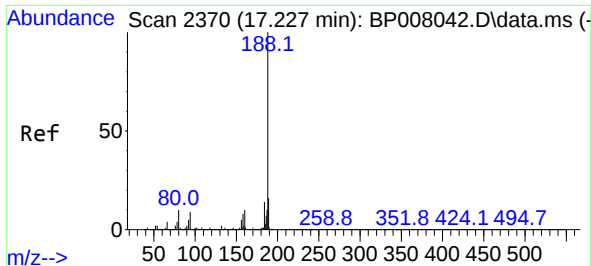
Tgt Ion:330 Resp: 460361
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 35.7 29.6 44.4



#45
2-Fluorobiphenyl
Concen: 78.538 ng
RT: 13.087 min Scan# 1666
Delta R.T. -0.005 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

Tgt Ion:172 Resp: 1604629
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.3 19.0 28.4

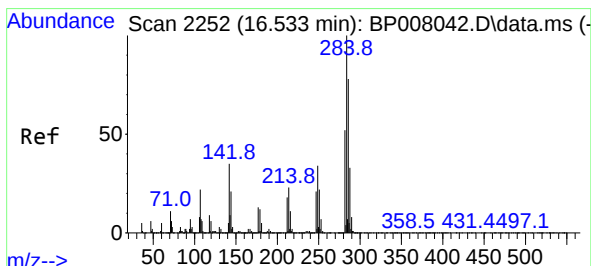
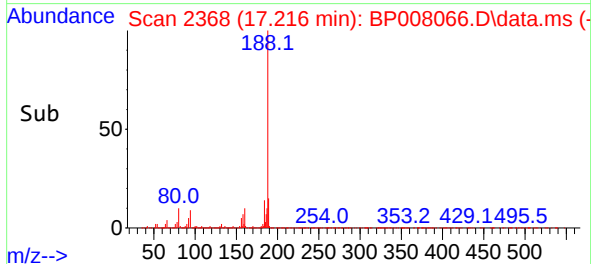
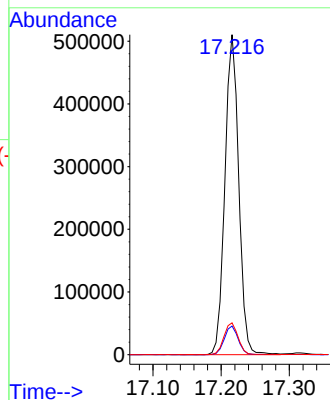
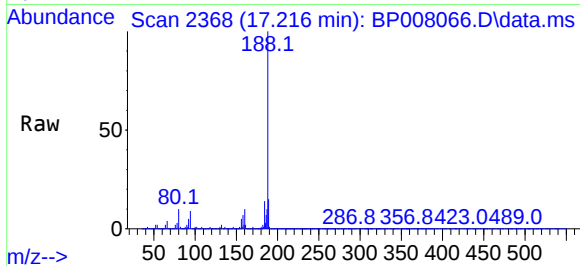




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

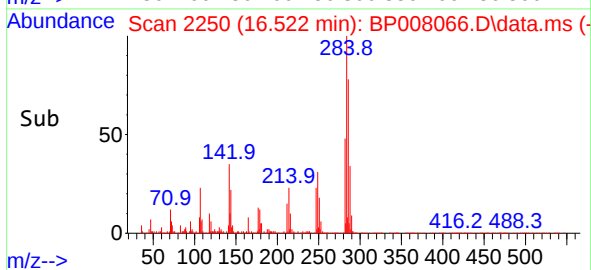
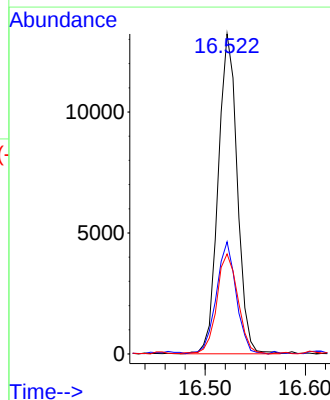
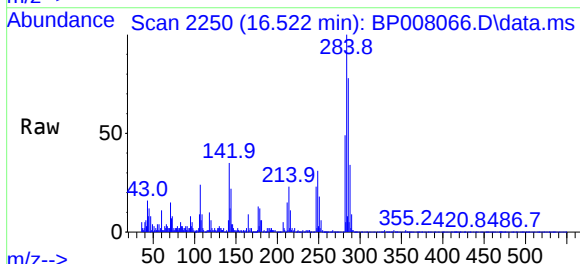
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ClientSampleId :
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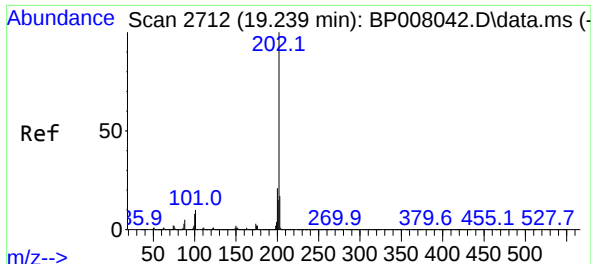
Tgt Ion:188 Resp: 719488
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 10.0 8.1 12.1



#68
Hexachlorobenzene
Concen: 2.067 ng
RT: 16.522 min Scan# 2250
Delta R.T. -0.011 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

Tgt Ion:284 Resp: 17433
Ion Ratio Lower Upper
284 100
142 35.0 28.1 42.1
249 31.3 27.0 40.6

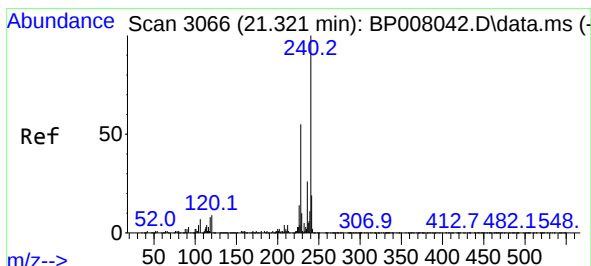
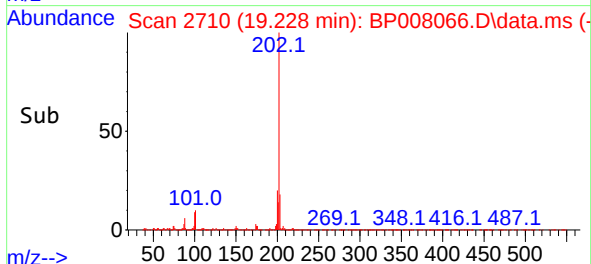
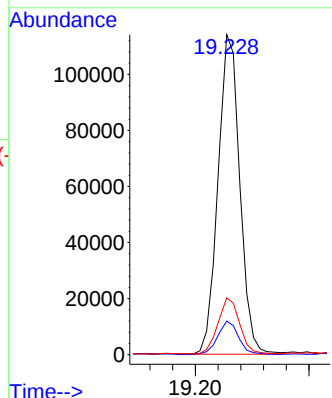
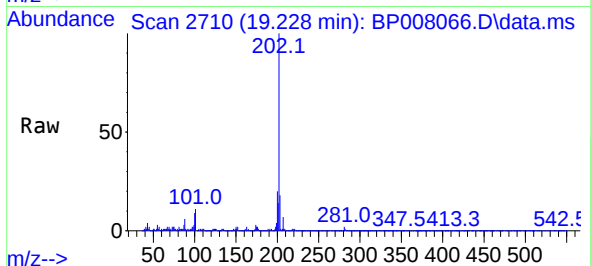




#75
Fluoranthene
Concen: 3.043 ng
RT: 19.228 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

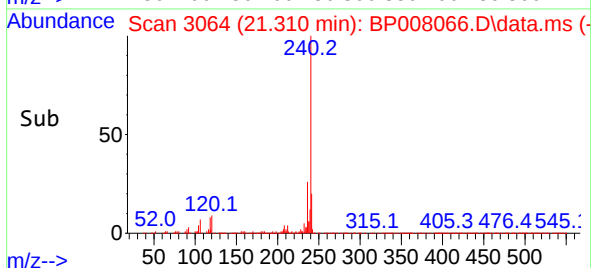
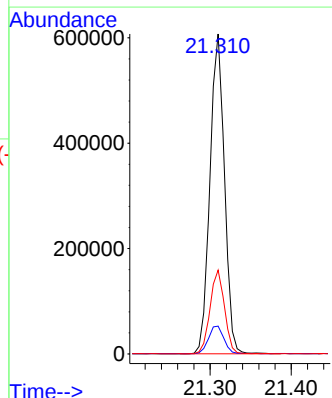
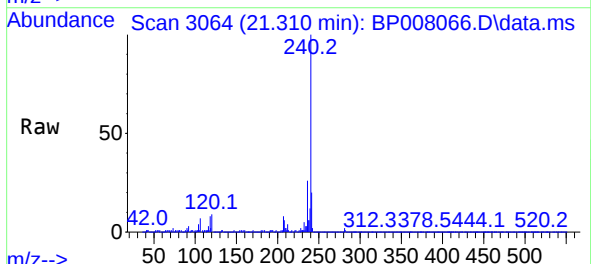
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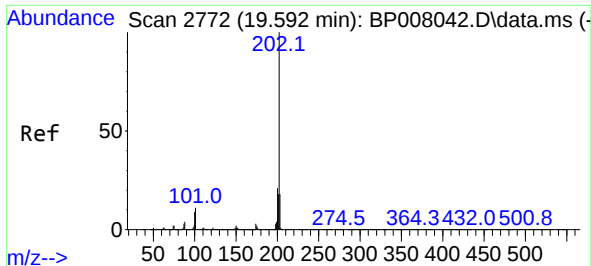
Tgt Ion:202 Resp: 152045
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.5
203 17.7 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3064
Delta R.T. -0.011 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

Tgt Ion:240 Resp: 752651
Ion Ratio Lower Upper
240 100
120 8.7 7.4 11.2
236 26.2 21.0 31.4

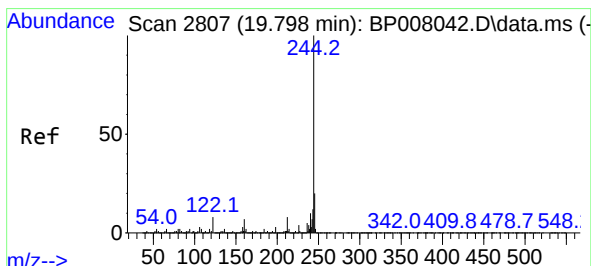
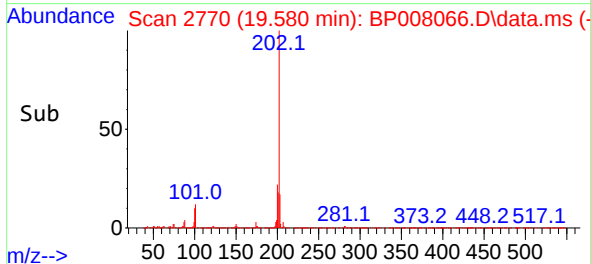
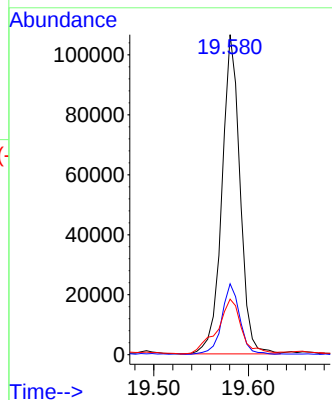
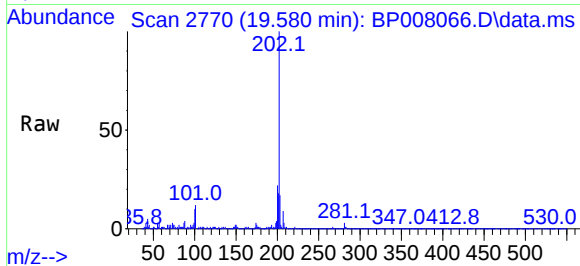




#78
Pyrene
Concen: 2.763 ng
RT: 19.580 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

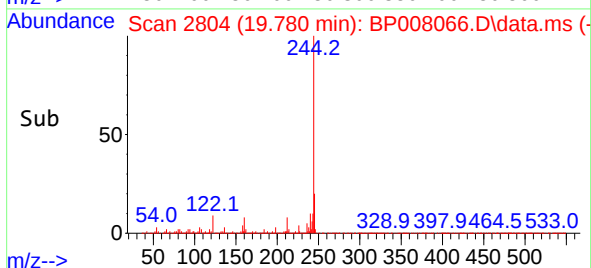
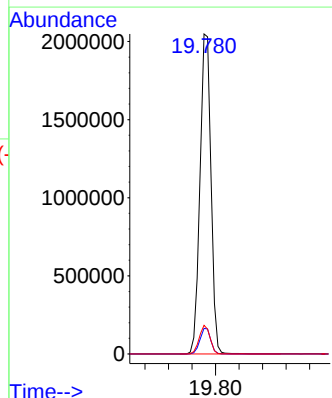
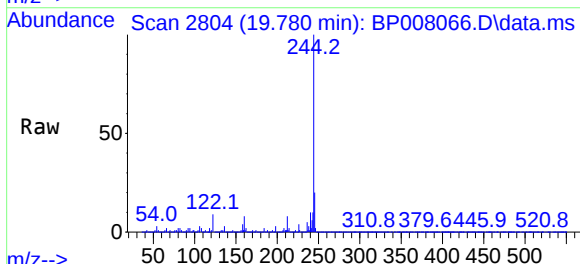
Instrument :
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JC-02-111621

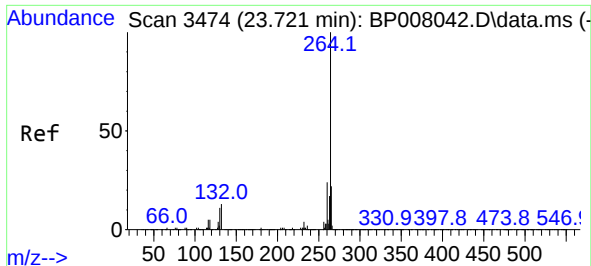
Tgt Ion:202 Resp: 141208
Ion Ratio Lower Upper
202 100
200 22.2 16.9 25.3
203 17.3 14.2 21.2



#79
Terphenyl-d14
Concen: 69.208 ng
RT: 19.780 min Scan# 2804
Delta R.T. -0.018 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

Tgt Ion:244 Resp: 2649431
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 9.0 6.1 9.1



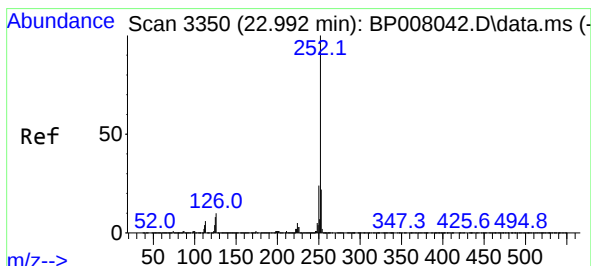
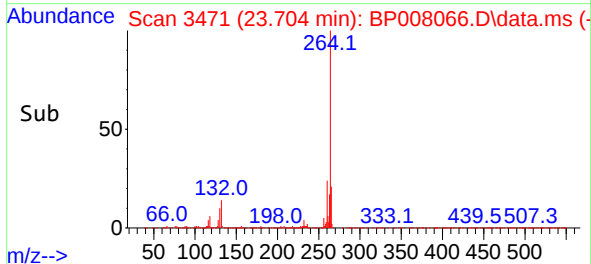
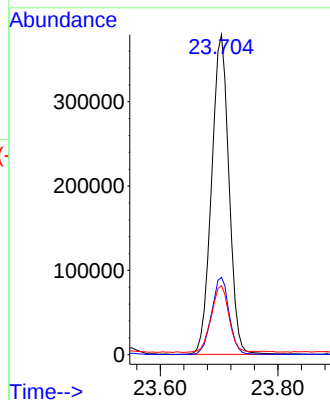
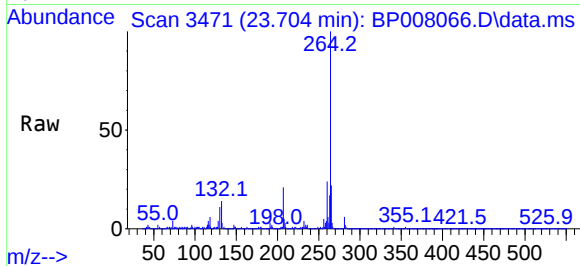


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.704 min Scan# 3474
 Delta R.T. -0.017 min
 Lab File: BP008066.D
 Acq: 20 Nov 2021 19:57

Instrument :
 BNA_P
 ClientSampleId :
 JC-02-111621

Tgt Ion:264 Resp: 777558

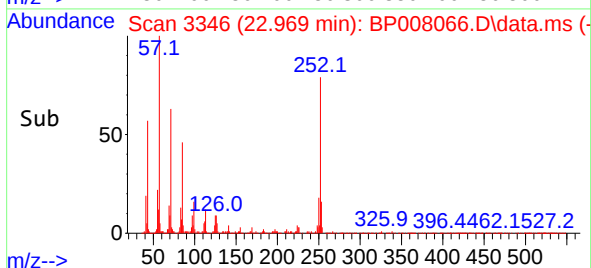
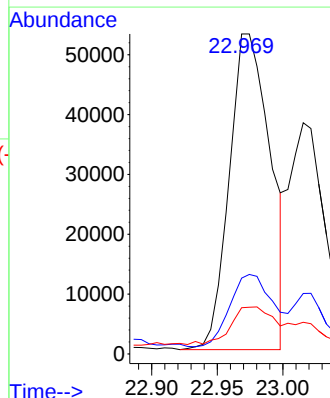
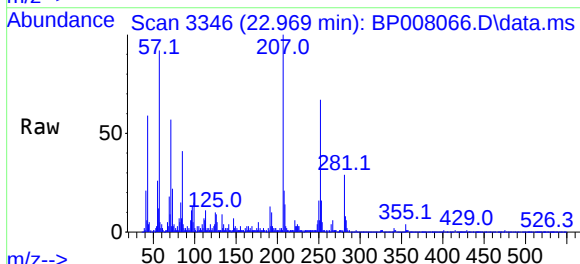
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.6	17.7	26.5

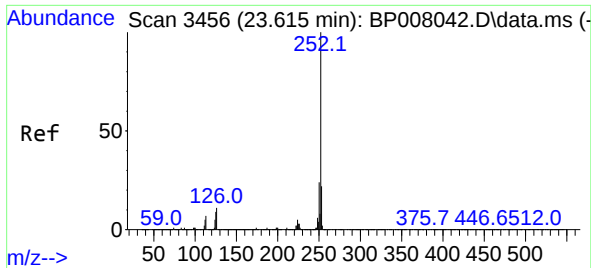


#88
 Benzo(b)fluoranthene
 Concen: 2.365 ng
 RT: 22.969 min Scan# 3346
 Delta R.T. -0.023 min
 Lab File: BP008066.D
 Acq: 20 Nov 2021 19:57

Tgt Ion:252 Resp: 114960

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	14.4	6.1	9.1





#90
Benzo(a)pyrene
Concen: 2.390 ng
RT: 23.592 min Scan# 34
Delta R.T. -0.023 min
Lab File: BP008066.D
Acq: 20 Nov 2021 19:57

Instrument :
BNA_P
ClientSampleId :
JC-02-111621

Tgt Ion:252 Resp: 97358
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.2
125 15.1 7.4 11.2#

