

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
 Data File : BP007856.D
 Acq On : 04 Nov 2021 19:43
 Operator : CG/JU
 Sample : M4497-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-203

Quant Time: Nov 07 11:18:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

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

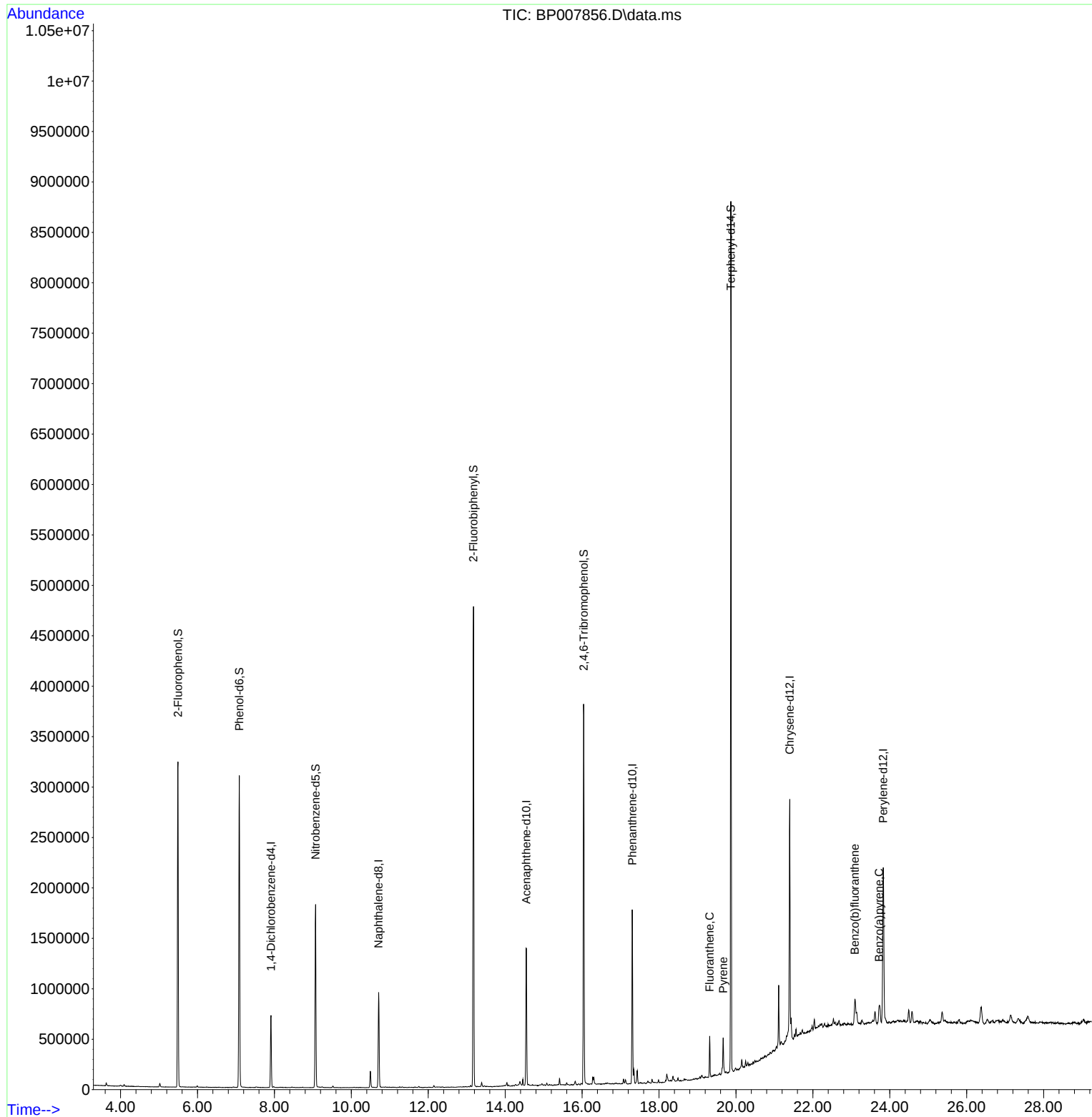
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	197116	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	763613	20.000	ng	-0.02
39) Acenaphthene-d10	14.545	164	490362	20.000	ng	-0.02
64) Phenanthrene-d10	17.304	188	1029334	20.000	ng	-0.02
76) Chrysene-d12	21.398	240	1115970	20.000	ng	-0.02
86) Perylene-d12	23.827	264	1241337	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1424445	122.555	ng	0.00
7) Phenol-d6	7.087	99	1742709	103.592	ng	0.00
23) Nitrobenzene-d5	9.069	82	1029300	72.407	ng	-0.02
42) 2,4,6-Tribromophenol	16.045	330	754158	107.765	ng	-0.01
45) 2-Fluorobiphenyl	13.175	172	2401929	71.332	ng	-0.02
79) Terphenyl-d14	19.869	244	3829178	69.870	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.316	202	229369	3.360	ng	99
78) Pyrene	19.669	202	215514	3.149	ng	99
88) Benzo(b)fluoranthene	23.092	252	183769	2.511	ng	96
90) Benzo(a)pyrene	23.721	252	132962	2.099	ng	# 95

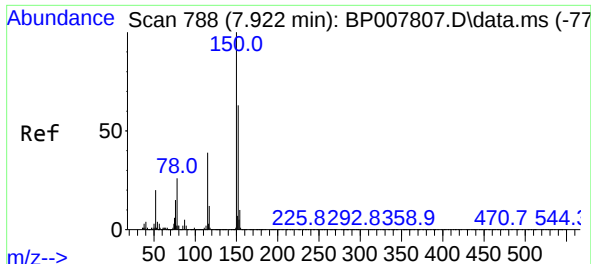
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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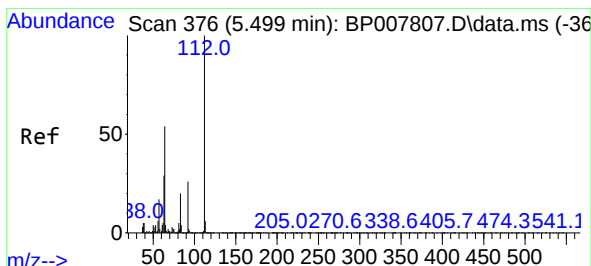
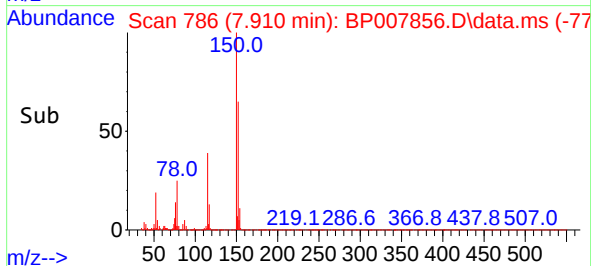
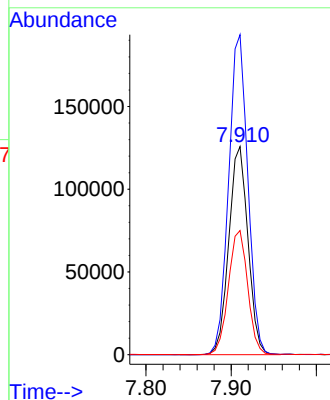
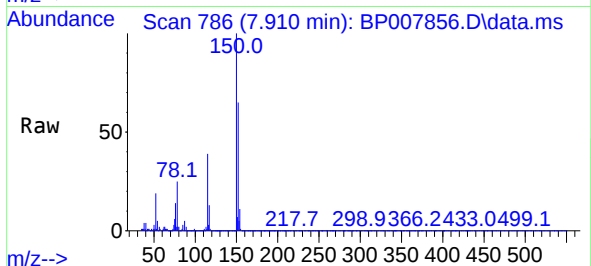




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

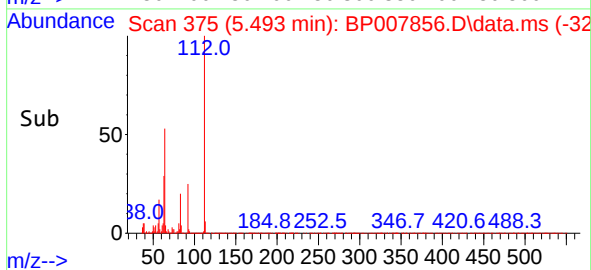
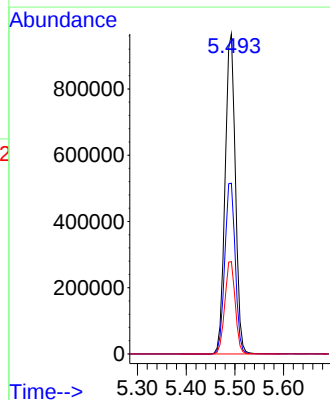
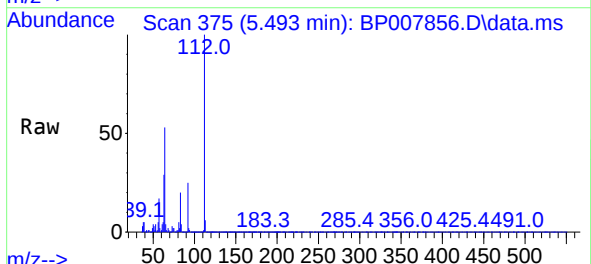
Instrument :
BNA_P
ClientSampleId :
VNJ-203

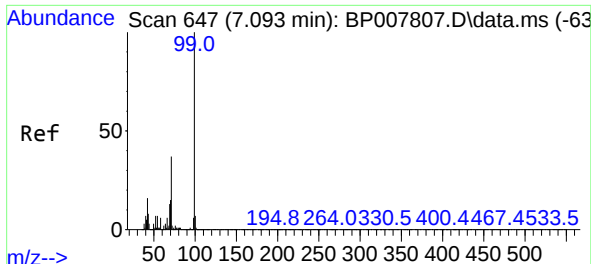
Tgt Ion:152 Resp: 197116
Ion Ratio Lower Upper
152 100
150 153.7 124.1 186.1
115 59.6 48.1 72.1



#5
2-Fluorophenol
Concen: 122.555 ng
RT: 5.493 min Scan# 375
Delta R.T. -0.006 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

Tgt Ion:112 Resp: 1424445
Ion Ratio Lower Upper
112 100
64 53.4 46.6 70.0
63 28.8 25.0 37.6



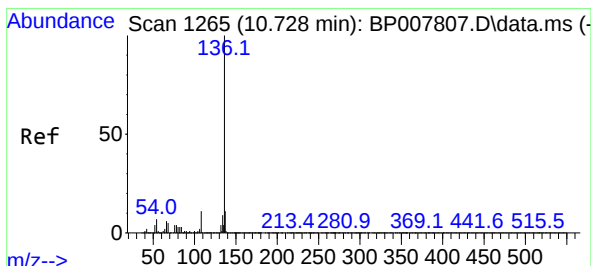
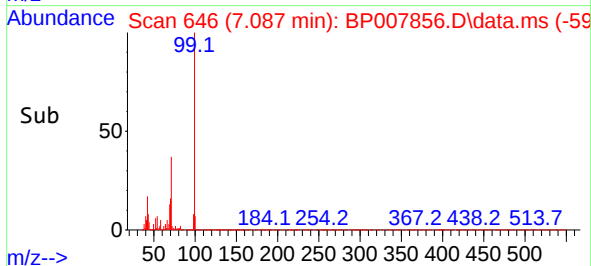
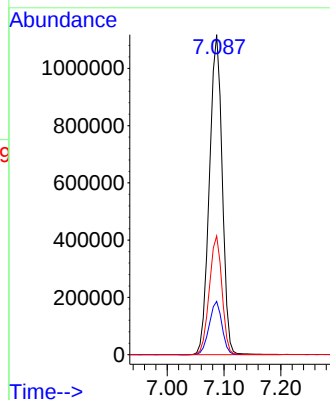
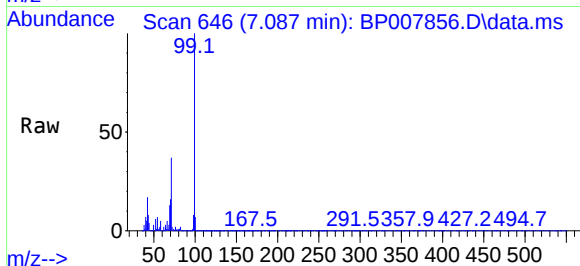


#7
Phenol-d6
Concen: 103.592 ng
RT: 7.087 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

Instrument :
BNA_P
ClientSampleId :
VNJ-203

Tgt Ion: 99 Resp: 1742709

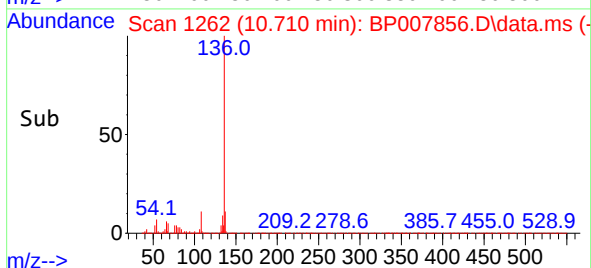
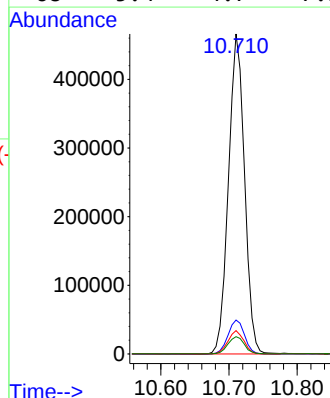
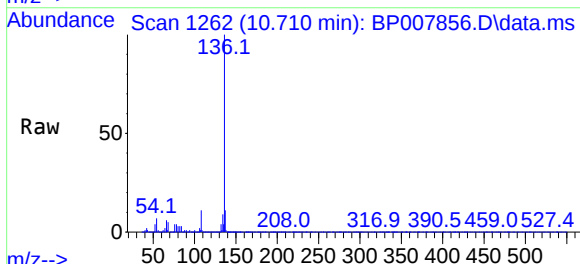
Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.9	22.3
71	37.1	29.2	43.8

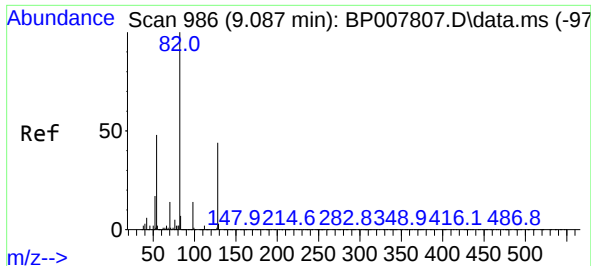


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1262
Delta R.T. -0.018 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

Tgt Ion:136 Resp: 763613

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.3	6.2	9.4
68	5.4	4.7	7.1

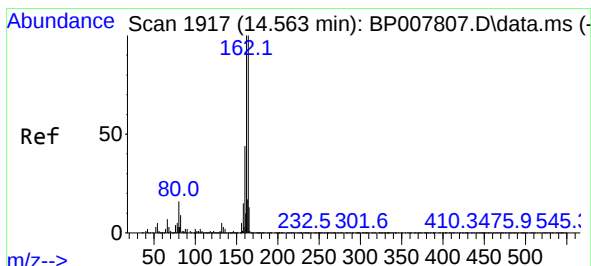
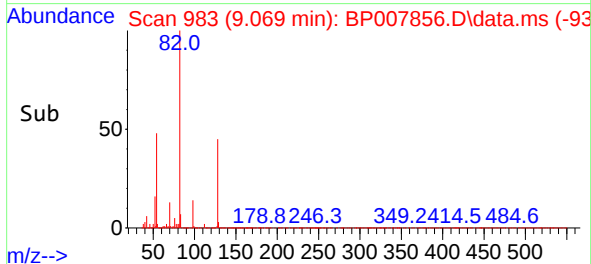
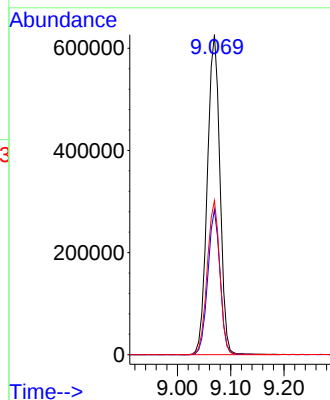
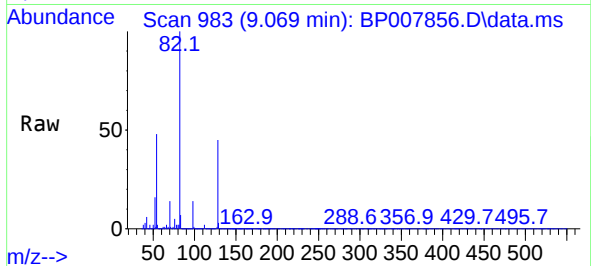




#23
Nitrobenzene-d5
Concen: 72.407 ng
RT: 9.069 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

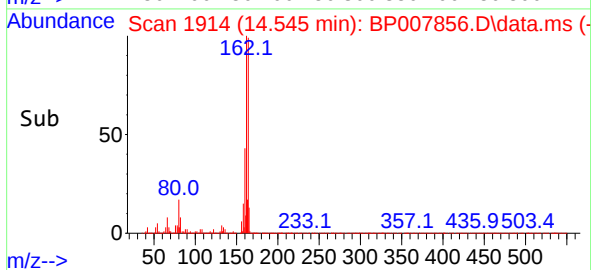
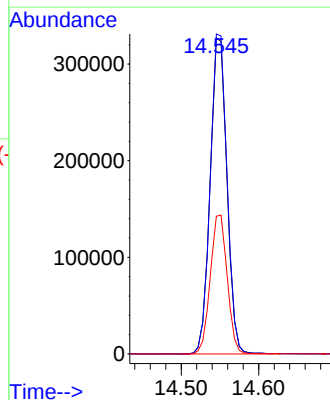
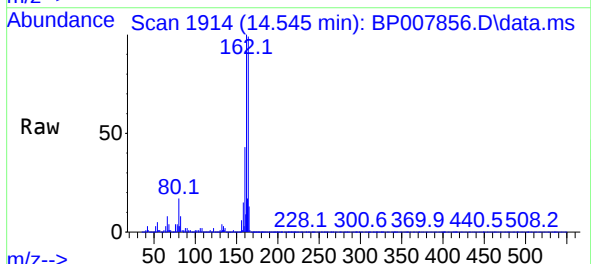
Instrument :
BNA_P
ClientSampleId :
VNJ-203

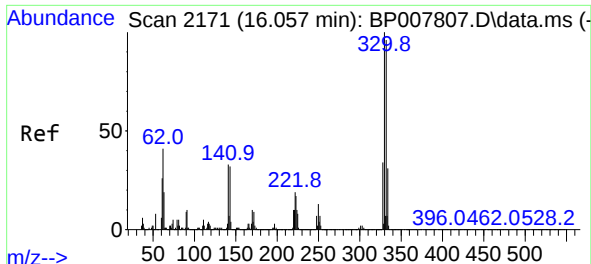
Tgt Ion: 82 Resp: 1029300
Ion Ratio Lower Upper
82 100
128 45.3 32.6 48.8
54 48.1 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

Tgt Ion: 164 Resp: 490362
Ion Ratio Lower Upper
164 100
162 101.3 81.1 121.7
160 43.6 36.0 54.0

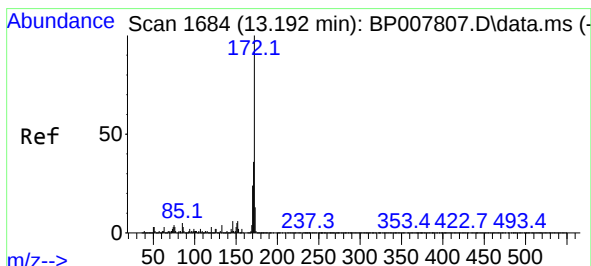
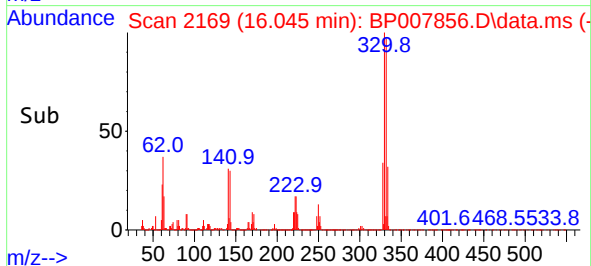
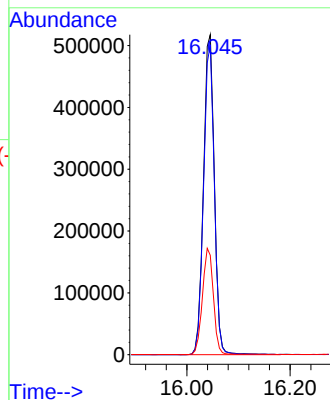
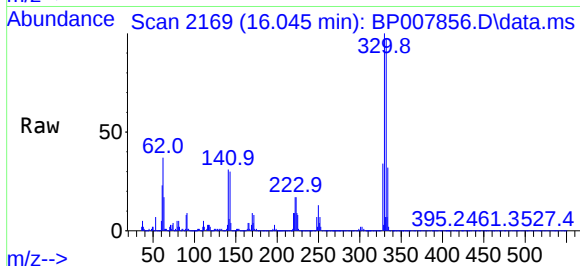




#42
2,4,6-Tribromophenol
Concen: 107.765 ng
RT: 16.045 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

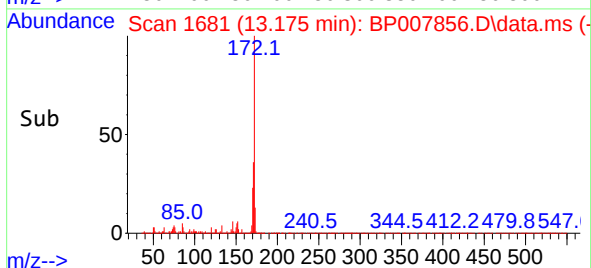
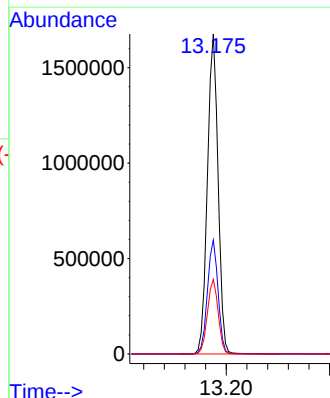
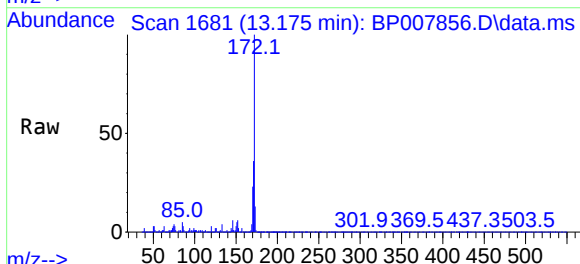
Instrument :
BNA_P
ClientSampleId :
VNJ-203

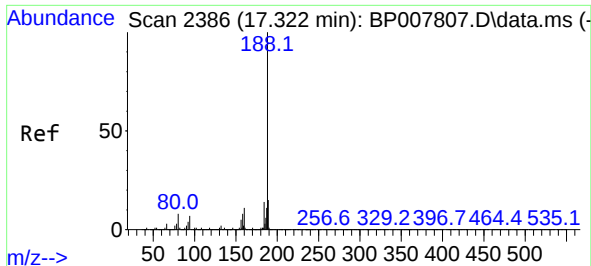
Tgt Ion:330 Resp: 754158
Ion Ratio Lower Upper
330 100
332 95.9 78.9 118.3
141 33.5 30.7 46.1



#45
2-Fluorobiphenyl
Concen: 71.332 ng
RT: 13.175 min Scan# 1681
Delta R.T. -0.018 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

Tgt Ion:172 Resp: 2401929
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.3 19.0 28.4

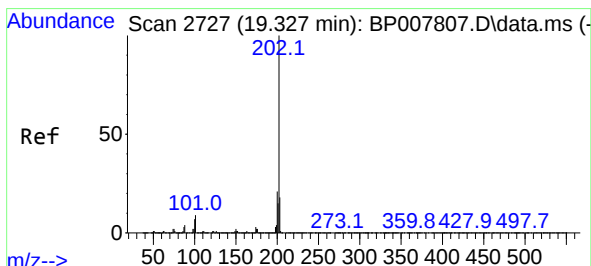
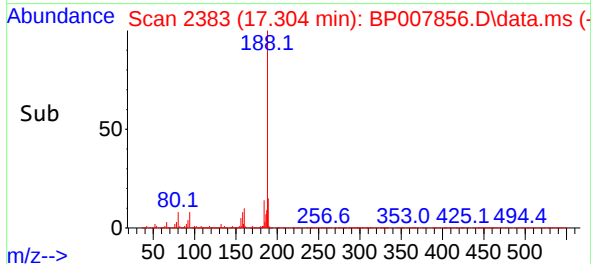
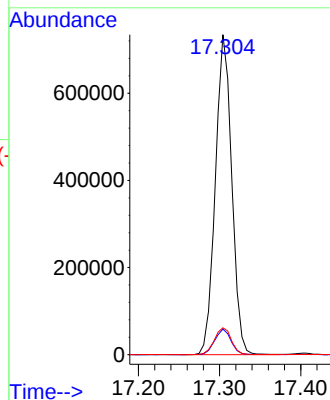
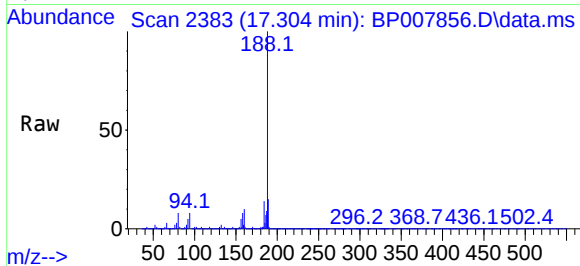




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

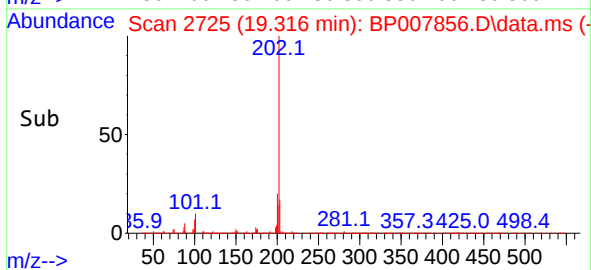
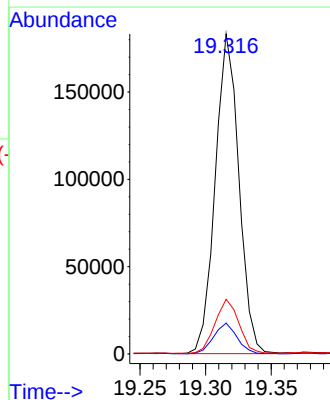
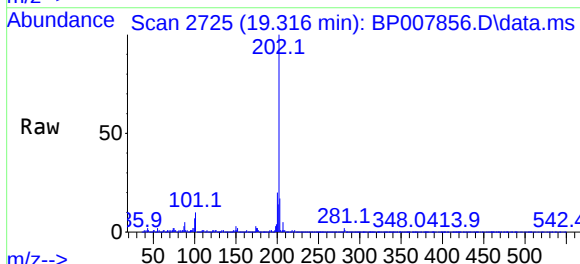
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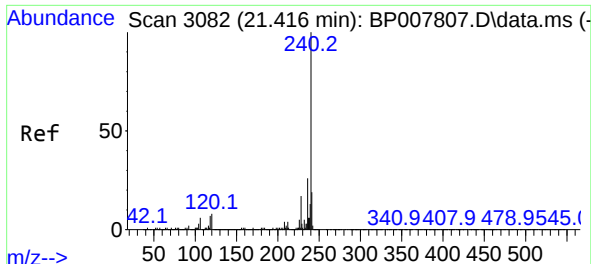
Tgt Ion:188 Resp: 1029334
Ion Ratio Lower Upper
188 100
94 8.0 7.1 10.7
80 8.4 7.8 11.6



#75
Fluoranthene
Concen: 3.360 ng
RT: 19.316 min Scan# 2725
Delta R.T. -0.012 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

Tgt Ion:202 Resp: 229369
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.4
203 17.1 0.0 37.6

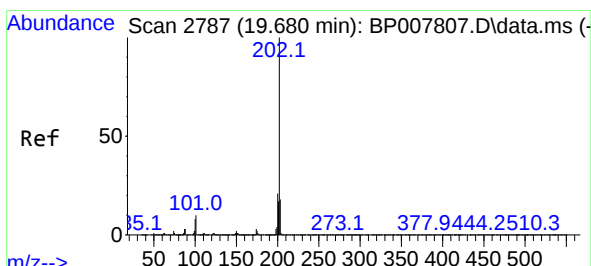
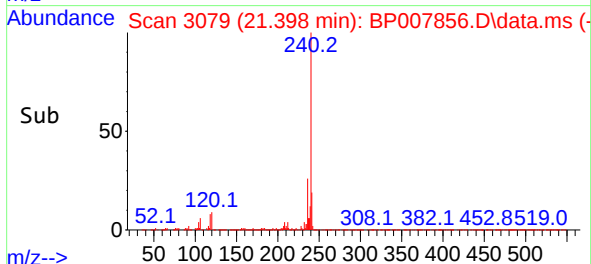
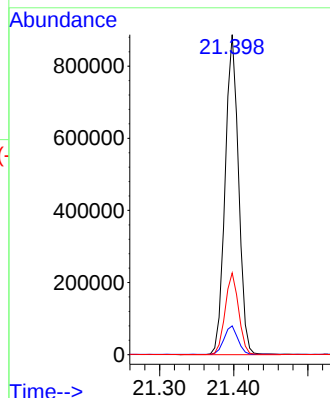
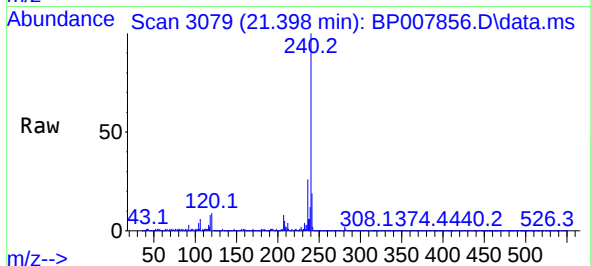




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 30
Delta R.T. -0.018 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

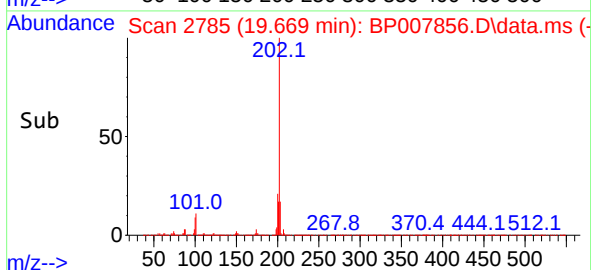
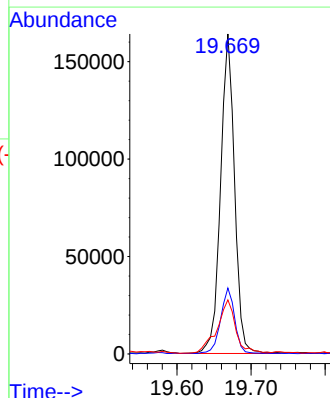
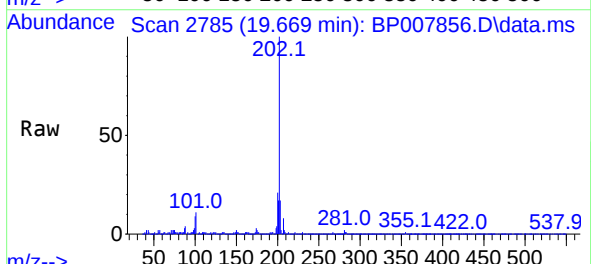
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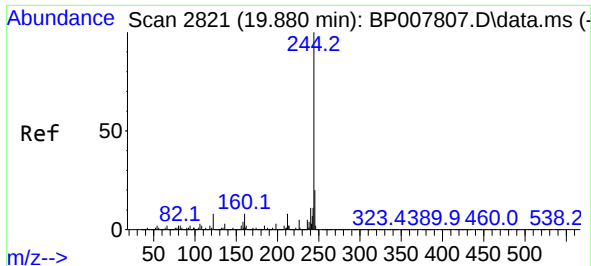
Tgt Ion:240 Resp: 1115970
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.8
236 25.5 20.6 30.8



#78
Pyrene
Concen: 3.149 ng
RT: 19.669 min Scan# 2785
Delta R.T. -0.012 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

Tgt Ion:202 Resp: 215514
Ion Ratio Lower Upper
202 100
200 20.6 16.9 25.3
203 16.9 13.8 20.6

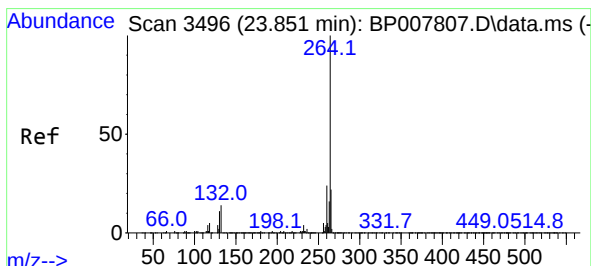
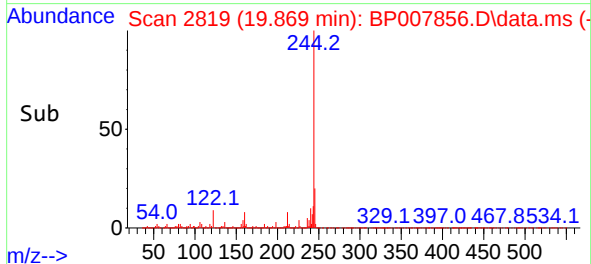
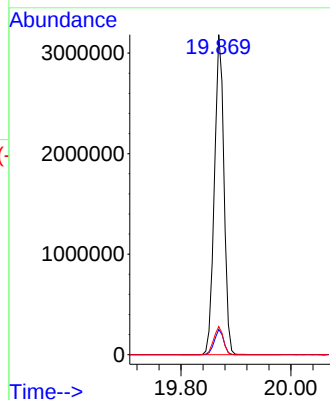
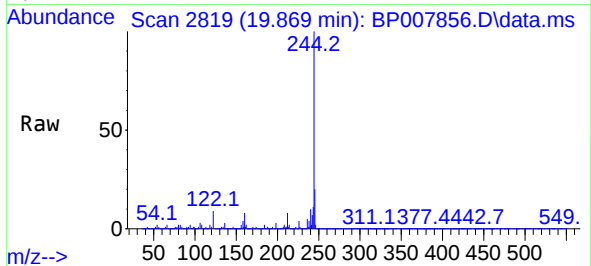




#79
Terphenyl-d14
Concen: 69.870 ng
RT: 19.869 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

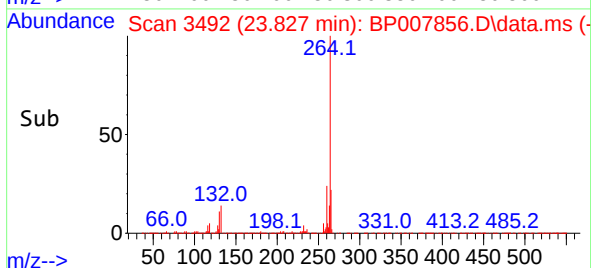
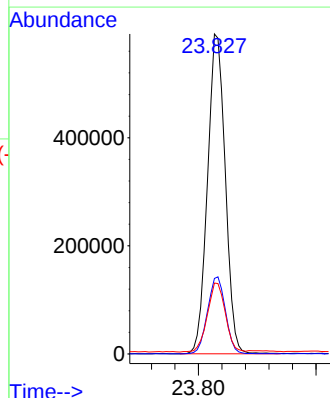
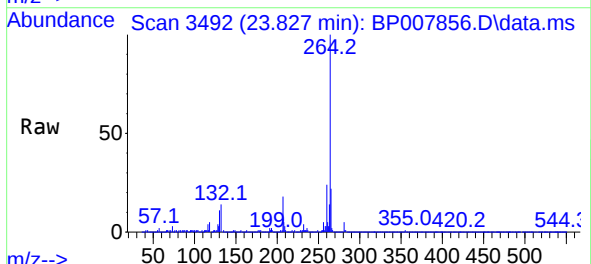
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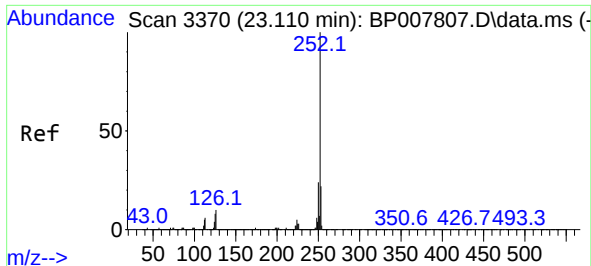
Tgt Ion:244 Resp: 3829178
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 8.8 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.827 min Scan# 3492
Delta R.T. -0.024 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

Tgt Ion:264 Resp: 1241337
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 22.2 16.7 25.1

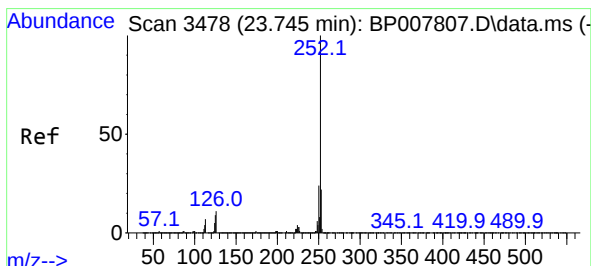
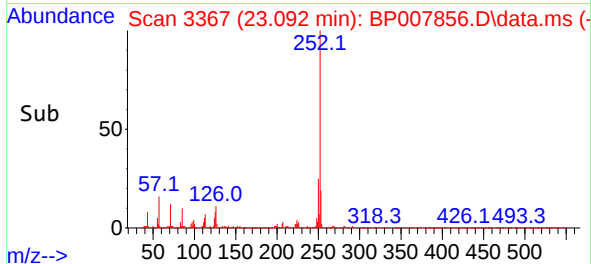
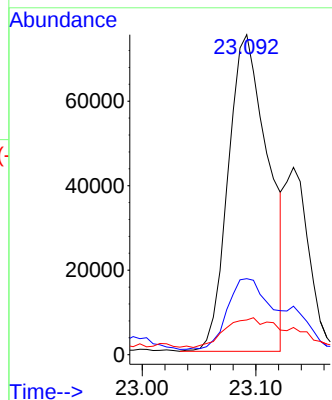
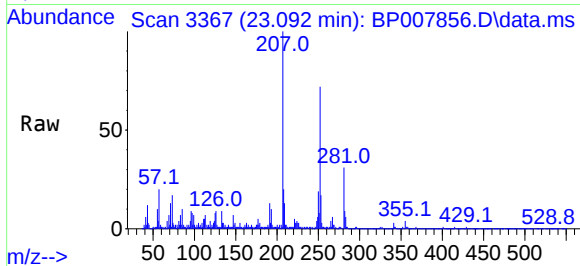




#88
Benzo(b)fluoranthene
Concen: 2.511 ng
RT: 23.092 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

Instrument :
BNA_P
ClientSampleId :
VNJ-203

Tgt Ion:252 Resp: 183769
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 10.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 2.099 ng
RT: 23.721 min Scan# 3474
Delta R.T. -0.024 min
Lab File: BP007856.D
Acq: 04 Nov 2021 19:43

Tgt Ion:252 Resp: 132962
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 12.8 8.4 12.6#

