

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
 Data File : BP008262.D
 Acq On : 07 Dec 2021 21:47
 Operator : CG/JU
 Sample : M4949-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-221

Quant Time: Dec 08 01:11:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

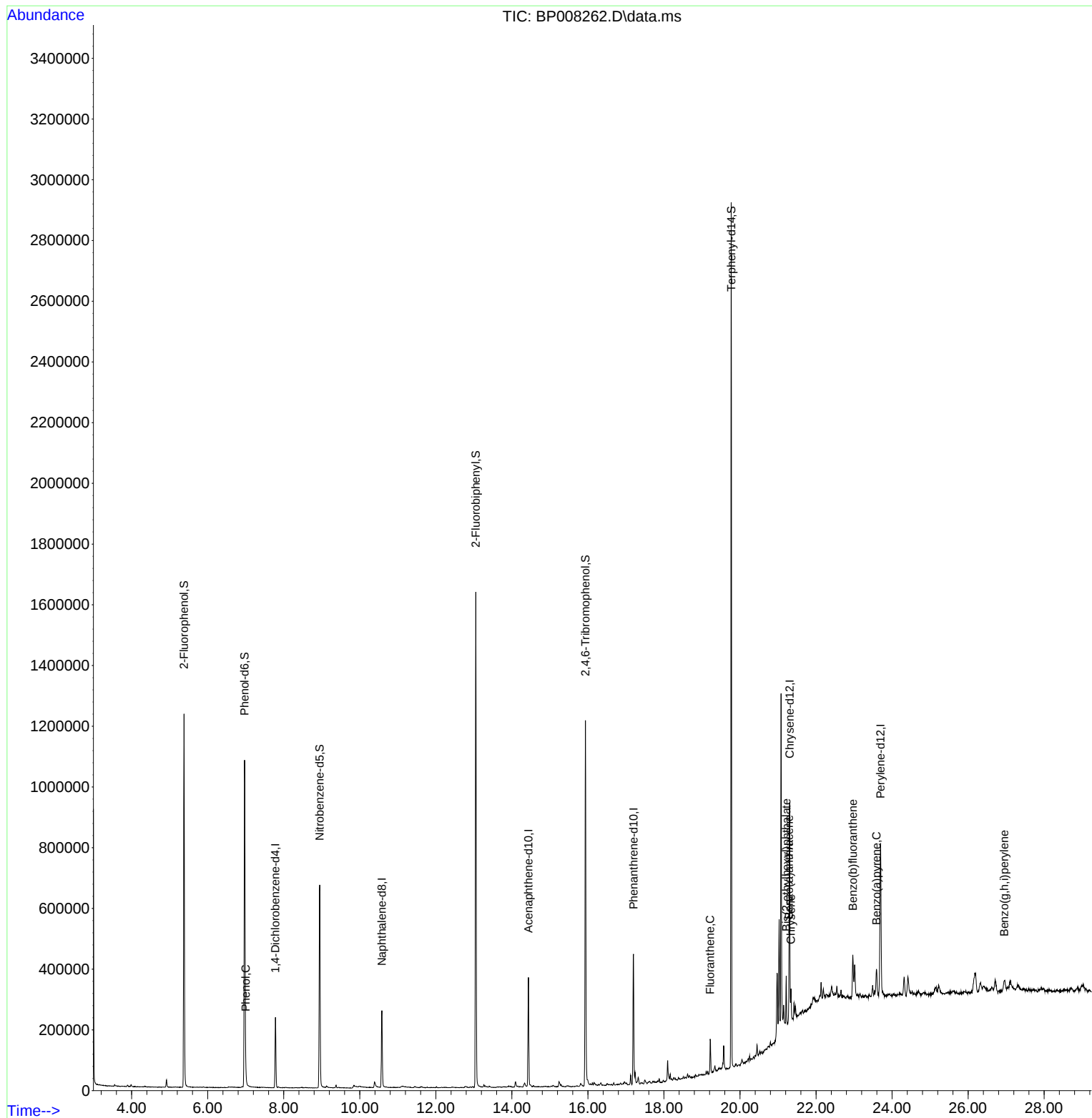
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	58579	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	205587	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	125893	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	271352	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	333467	20.000	ng	-0.01
86) Perylene-d12	23.698	264	403433	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	480775	132.145	ng	-0.01
7) Phenol-d6	6.969	99	596832	121.521	ng	-0.02
23) Nitrobenzene-d5	8.946	82	404509	89.472	ng	-0.02
42) 2,4,6-Tribromophenol	15.934	330	235790	146.533	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	788171	90.938	ng	-0.02
79) Terphenyl-d14	19.769	244	1266001	79.344	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.999	94	18433	3.652	ng	93
75) Fluoranthene	19.216	202	57523	2.980	ng	96
81) Benzo(a)anthracene	21.286	228	49167	2.225	ng	98
83) Chrysene	21.339	228	56708	2.696	ng	98
84) Bis(2-ethylhexyl)phtha...	21.216	149	56630	3.928	ng	97
88) Benzo(b)fluoranthene	22.968	252	93943	3.863	ng	99
90) Benzo(a)pyrene	23.592	252	63478	3.054	ng	# 95
92) Benzo(g,h,i)perylene	26.951	276	57252	2.328	ng	96

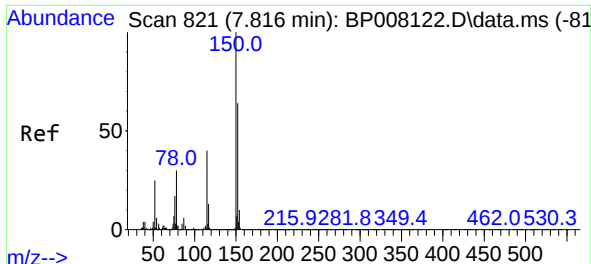
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

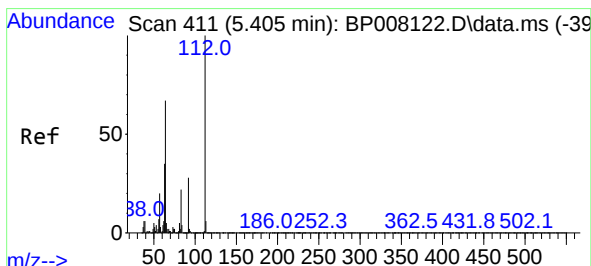
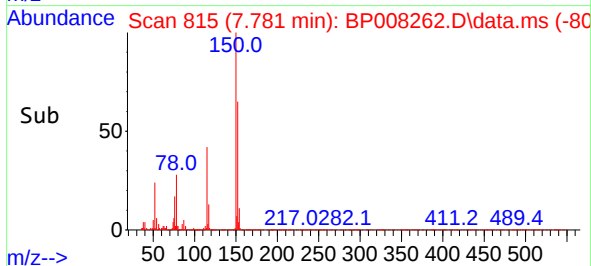
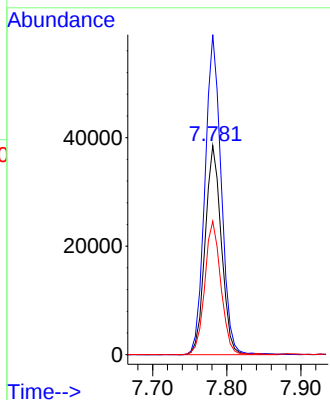
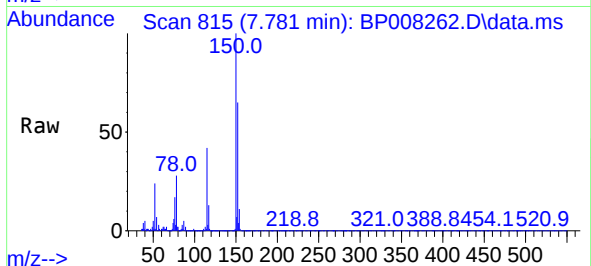




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP008262.D
Acq: 07 Dec 2021 21:47

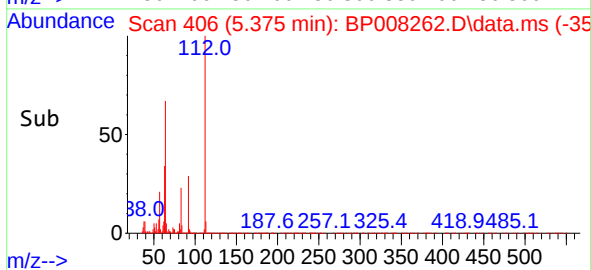
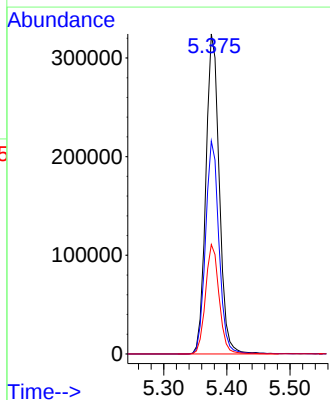
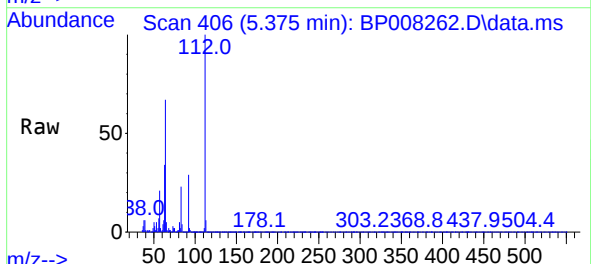
Instrument :
BNA_P
ClientSampleId :
VNJ-221

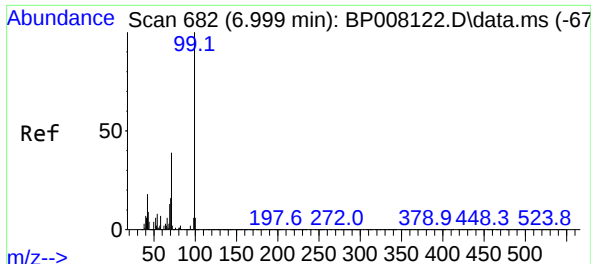
Tgt Ion:152 Resp: 58579
Ion Ratio Lower Upper
152 100
150 153.0 125.7 188.5
115 63.8 50.7 76.1



#5
2-Fluorophenol
Concen: 132.145 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP008262.D
Acq: 07 Dec 2021 21:47

Tgt Ion:112 Resp: 480775
Ion Ratio Lower Upper
112 100
64 66.6 53.4 80.2
63 34.2 27.8 41.8

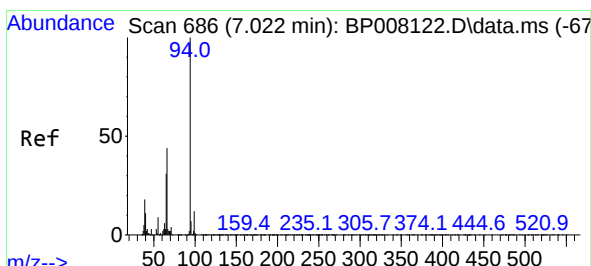
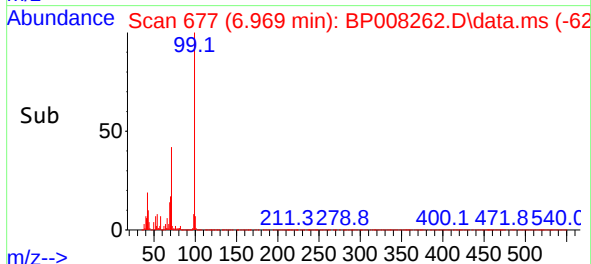
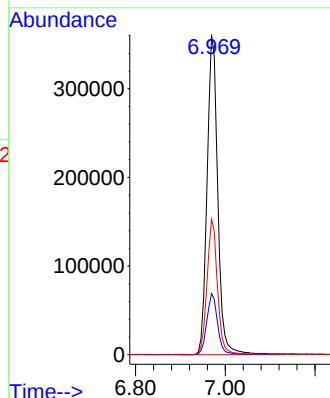
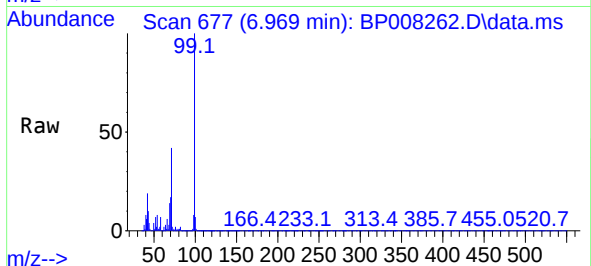




#7
Phenol-d6
Concen: 121.521 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008262.D
Acq: 07 Dec 2021 21:47

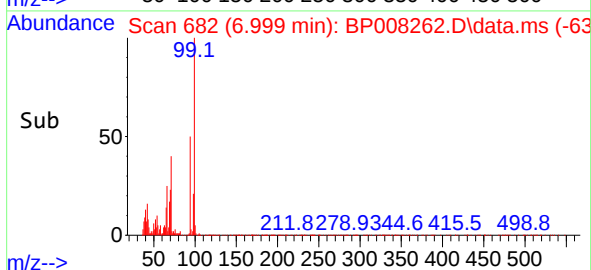
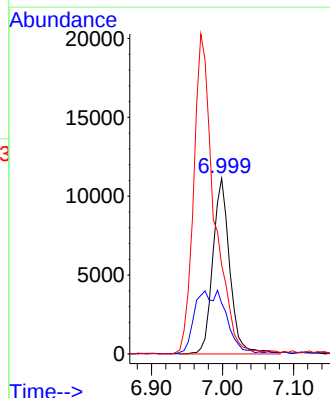
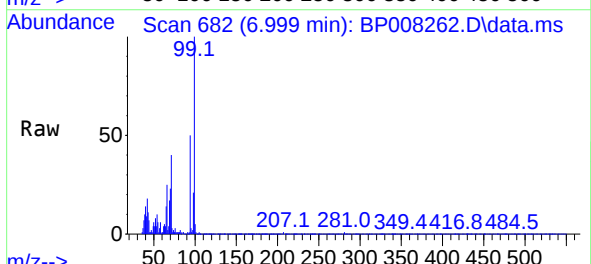
Instrument :
BNA_P
ClientSampleId :
VNJ-221

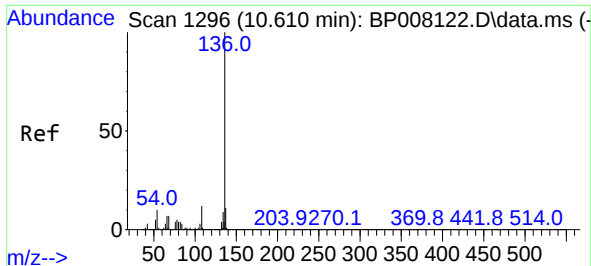
Tgt Ion: 99 Resp: 596832
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 42.3 31.1 46.7



#10
Phenol
Concen: 3.652 ng
RT: 6.999 min Scan# 682
Delta R.T. -0.012 min
Lab File: BP008262.D
Acq: 07 Dec 2021 21:47

Tgt Ion: 94 Resp: 18433
Ion Ratio Lower Upper
94 100
65 28.9 10.9 50.9
66 50.5 24.3 64.3



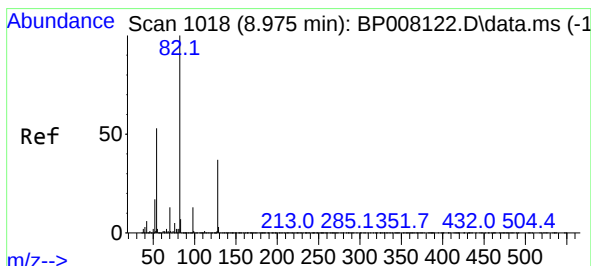
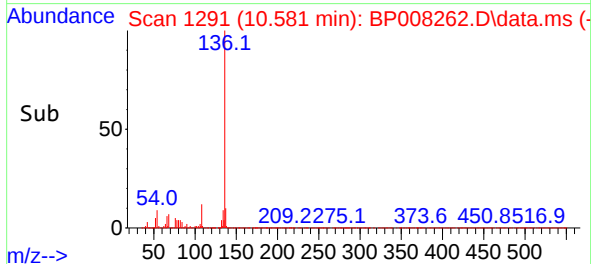
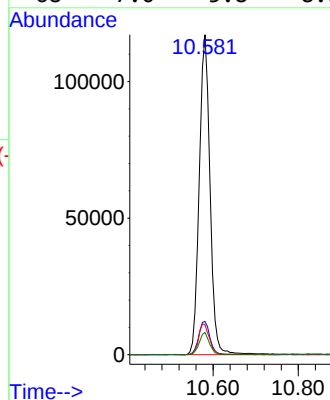
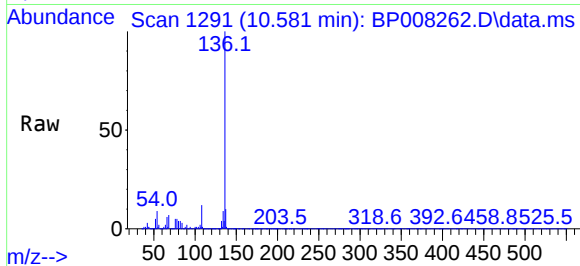


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP008262.D
Acq: 07 Dec 2021 21:47

Instrument :
BNA_P
ClientSampleId :
VNJ-221

Tgt Ion: 136 Resp: 205587

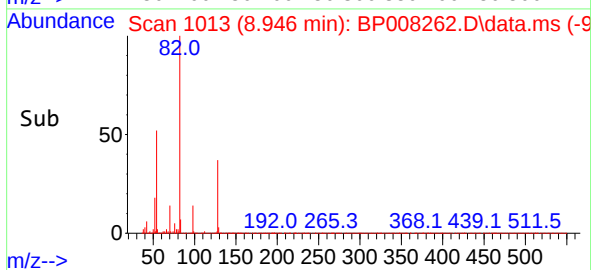
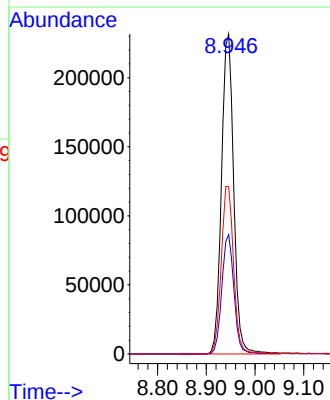
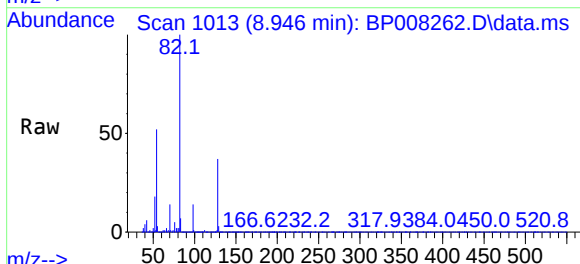
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.6
54	9.4	8.2	12.4
68	7.0	5.8	8.8

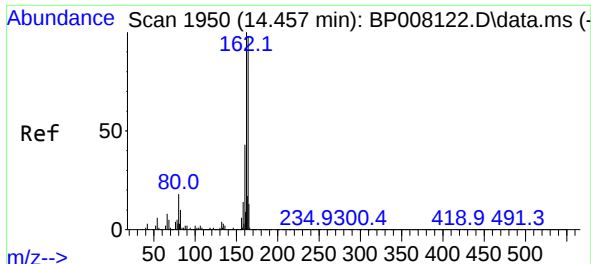


#23
Nitrobenzene-d5
Concen: 89.472 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP008262.D
Acq: 07 Dec 2021 21:47

Tgt Ion: 82 Resp: 404509

Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.6	44.4
54	52.2	42.7	64.1

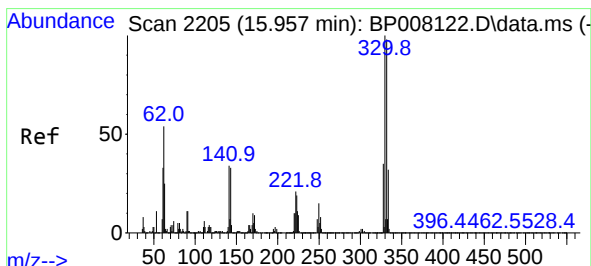
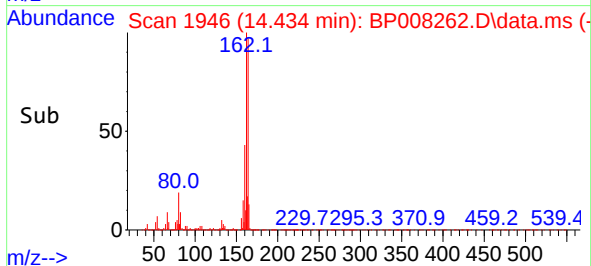
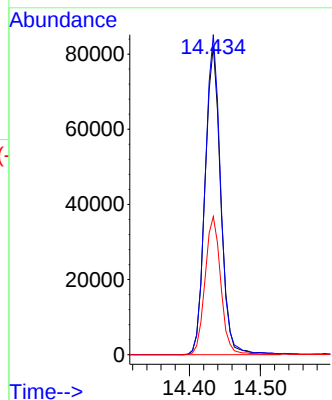
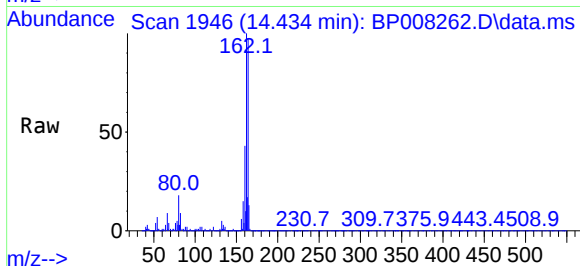




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP008262.D
Acq: 07 Dec 2021 21:47

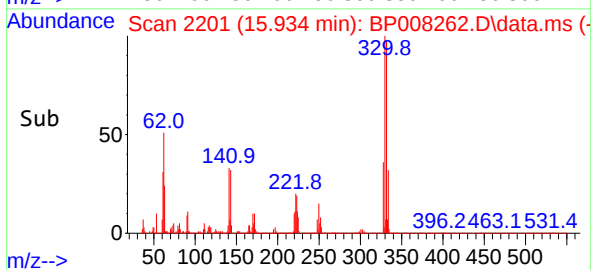
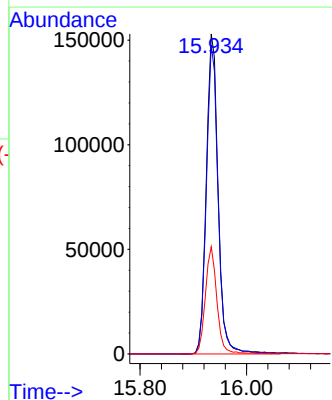
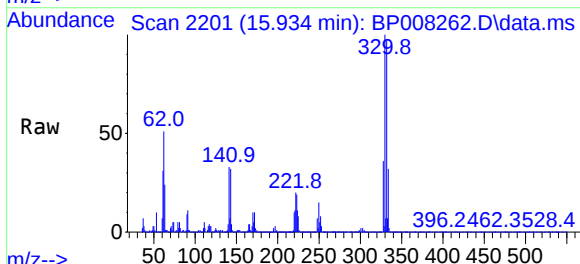
Instrument :
BNA_P
ClientSampleId :
VNJ-221

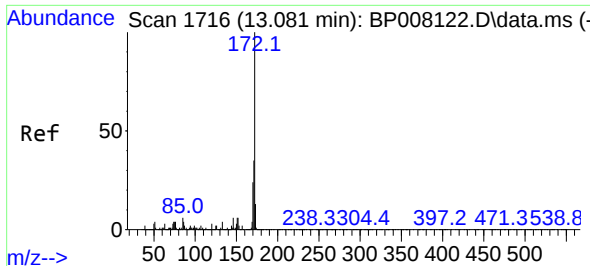
Tgt Ion:164 Resp: 125893
Ion Ratio Lower Upper
164 100
162 103.6 81.9 122.9
160 44.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 146.533 ng
RT: 15.934 min Scan# 2201
Delta R.T. -0.018 min
Lab File: BP008262.D
Acq: 07 Dec 2021 21:47

Tgt Ion:330 Resp: 235790
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.4
141 32.6 28.4 42.6

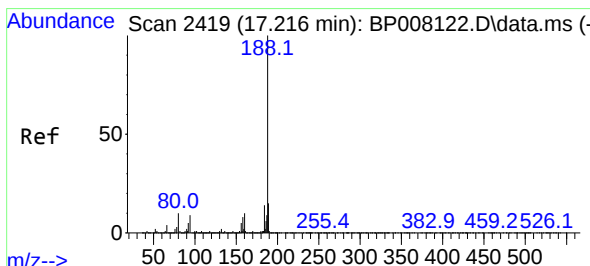
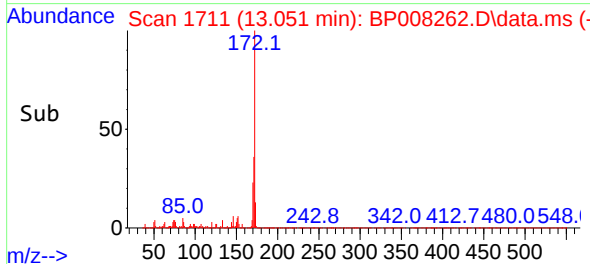
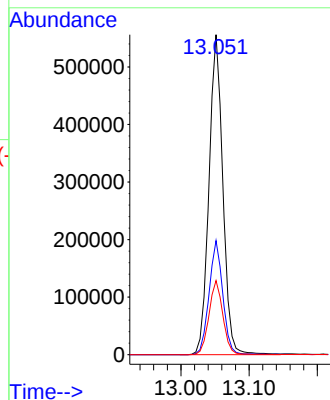
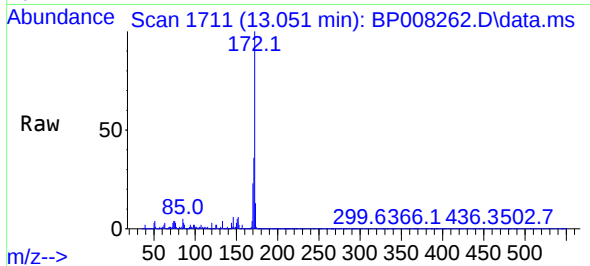




#45
2-Fluorobiphenyl
Concen: 90.938 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP008262.D
Acq: 07 Dec 2021 21:47

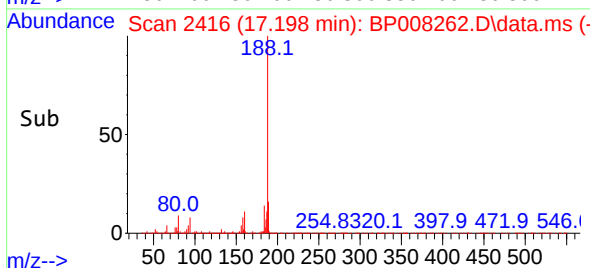
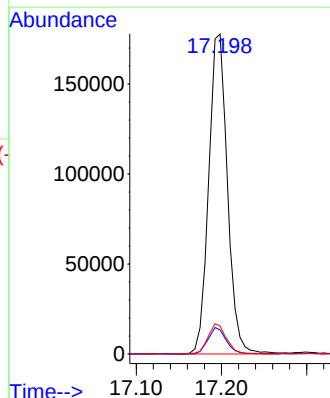
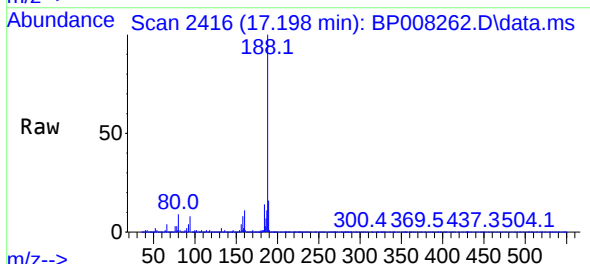
Instrument :
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ClientSampleId :
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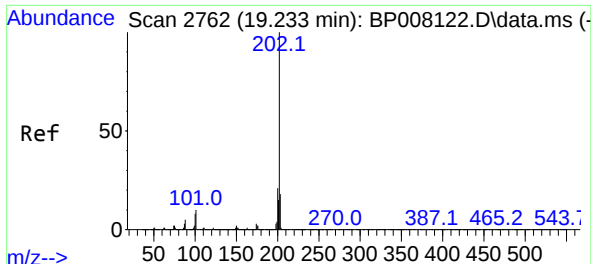
Tgt Ion:172 Resp: 788171
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.1 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BP008262.D
Acq: 07 Dec 2021 21:47

Tgt Ion:188 Resp: 271352
Ion Ratio Lower Upper
188 100
94 7.5 7.2 10.8
80 8.8 8.2 12.4

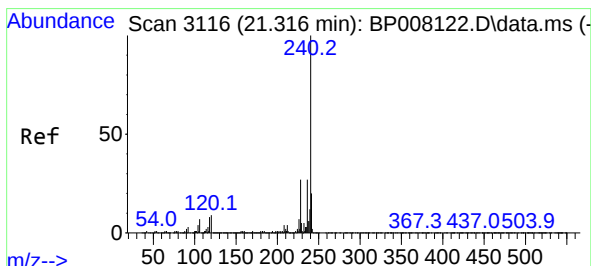
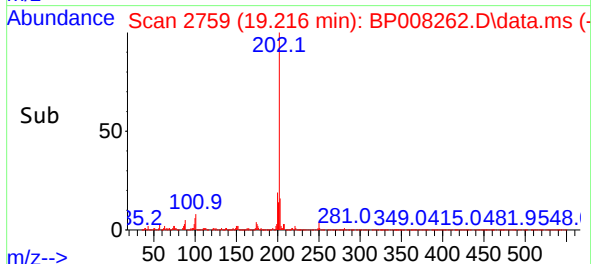
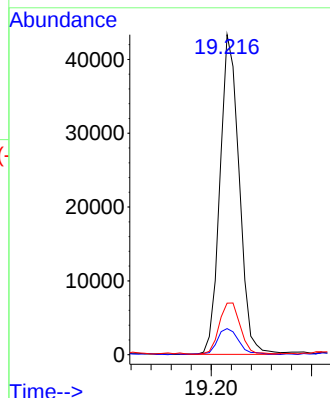
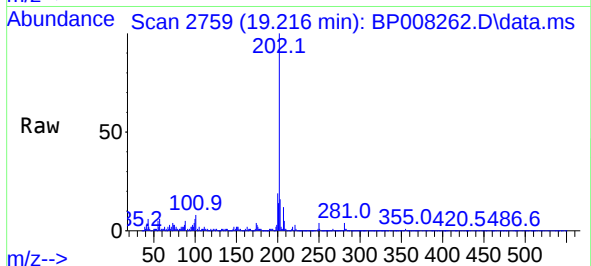




#75
Fluoranthene
Concen: 2.980 ng
RT: 19.216 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP008262.D
Acq: 07 Dec 2021 21:47

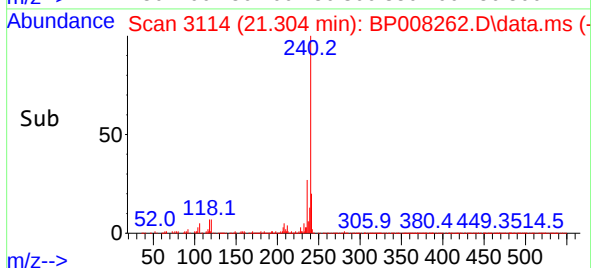
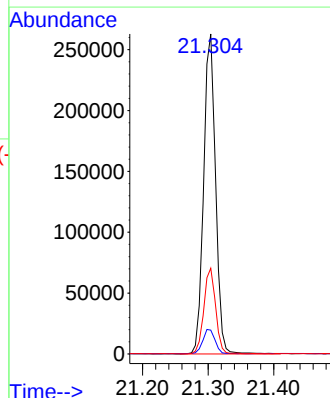
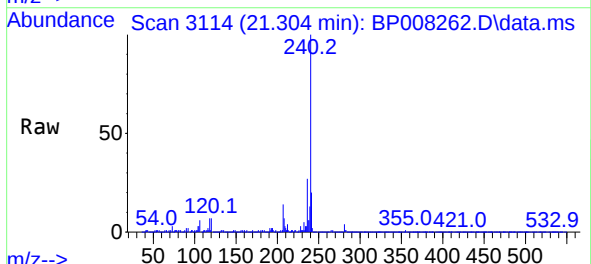
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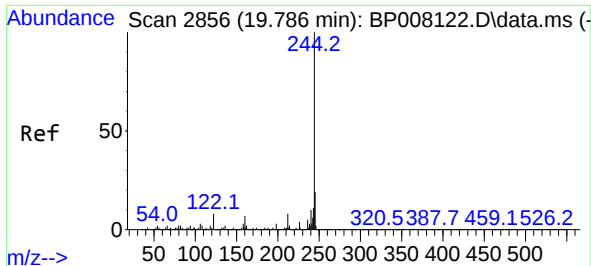
Tgt Ion:202	Resp:	57523
Ion Ratio	Lower	Upper
202	100	
101	8.2	0.0 29.8
203	16.1	0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP008262.D
Acq: 07 Dec 2021 21:47

Tgt Ion:240	Resp:	333467
Ion Ratio	Lower	Upper
240	100	
120	7.5	7.3 10.9
236	26.8	21.4 32.2



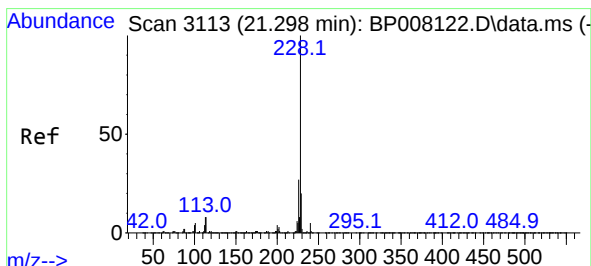
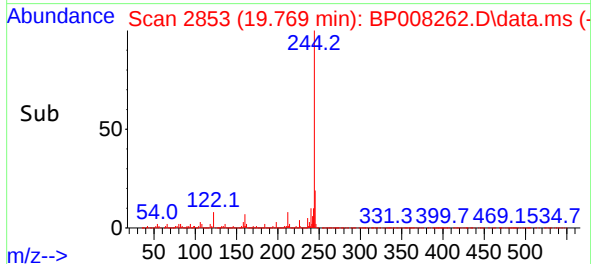
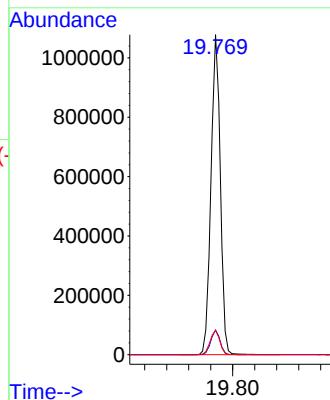
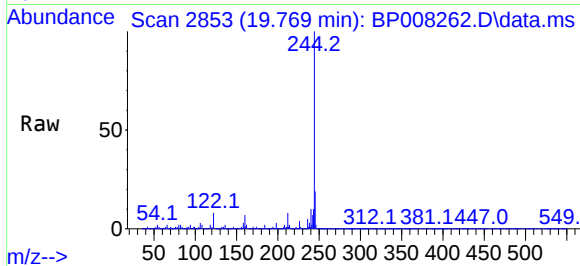


#79
 Terphenyl-d14
 Concen: 79.344 ng
 RT: 19.769 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008262.D
 Acq: 07 Dec 2021 21:47

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-221

Tgt Ion:244 Resp: 1266001

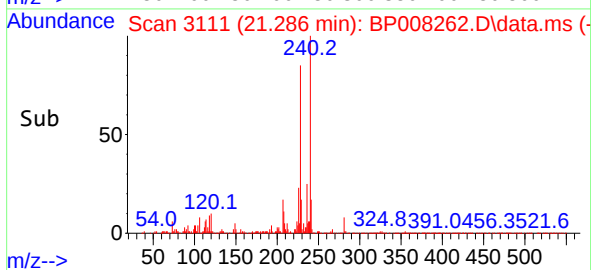
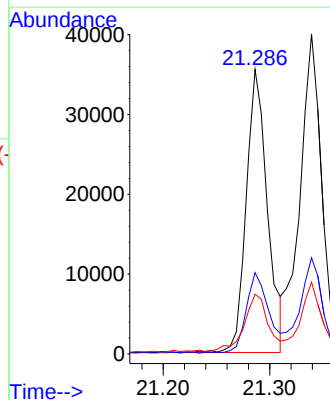
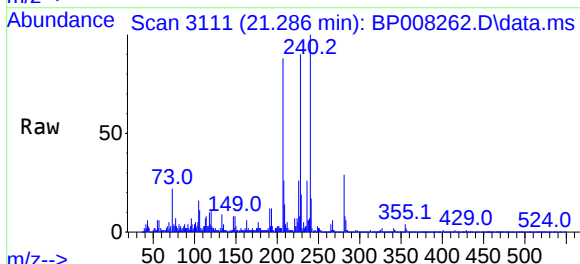
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	7.7	6.6	9.8

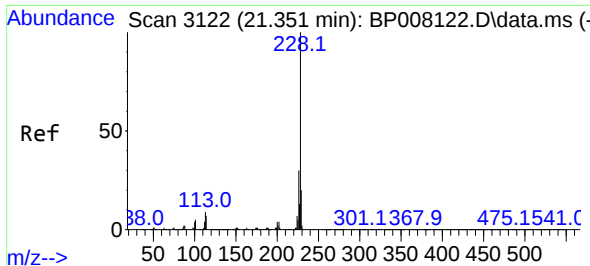


#81
 Benzo(a)anthracene
 Concen: 2.225 ng
 RT: 21.286 min Scan# 3111
 Delta R.T. -0.012 min
 Lab File: BP008262.D
 Acq: 07 Dec 2021 21:47

Tgt Ion:228 Resp: 49167

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.9	32.9
229	21.0	15.9	23.9

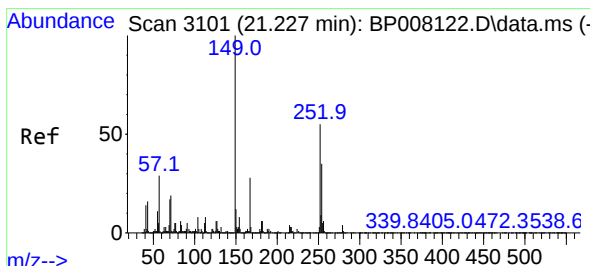
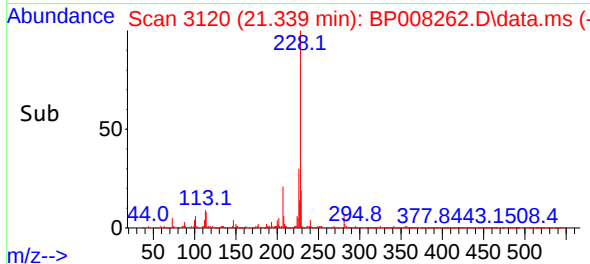
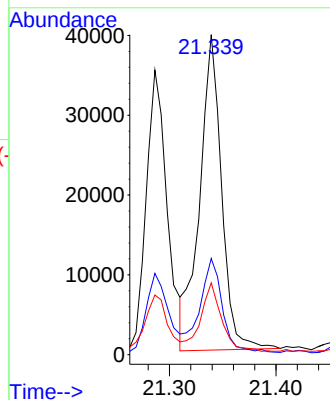
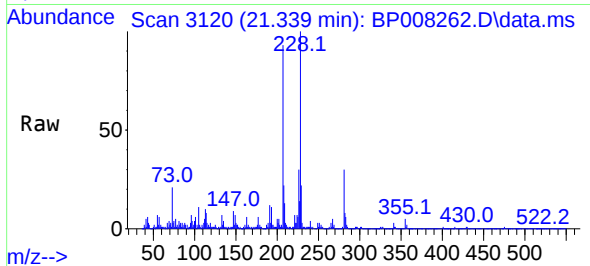




#83
Chrysene
Concen: 2.696 ng
RT: 21.339 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008262.D
Acq: 07 Dec 2021 21:47

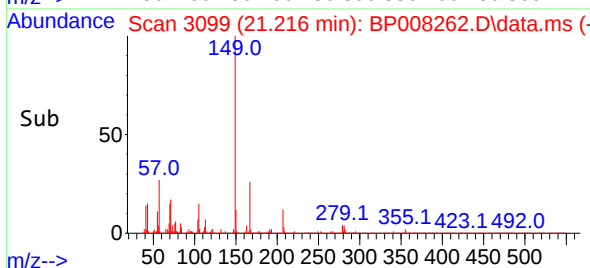
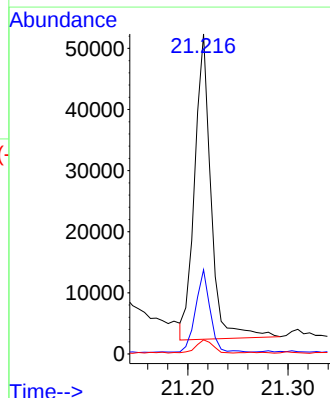
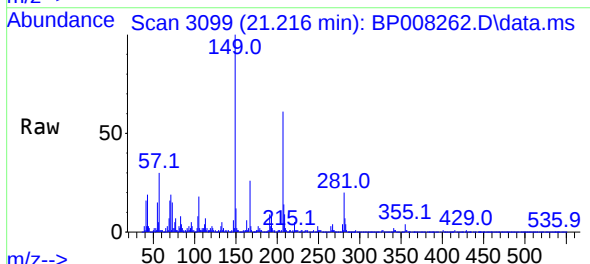
Instrument :
BNA_P
ClientSampleId :
VNJ-221

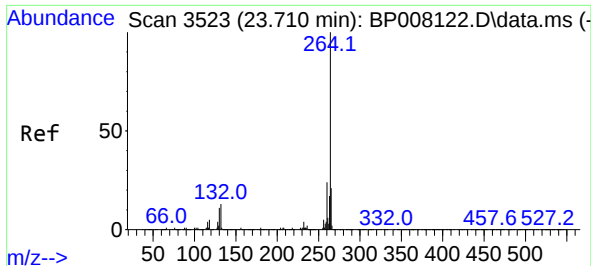
Tgt Ion:	228	Resp:	56708
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.0	36.0
229	22.5	15.8	23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.928 ng
RT: 21.216 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BP008262.D
Acq: 07 Dec 2021 21:47

Tgt Ion:	149	Resp:	56630
Ion Ratio	Lower	Upper	
149	100		
167	26.3	22.5	33.7
279	4.4	3.5	5.3

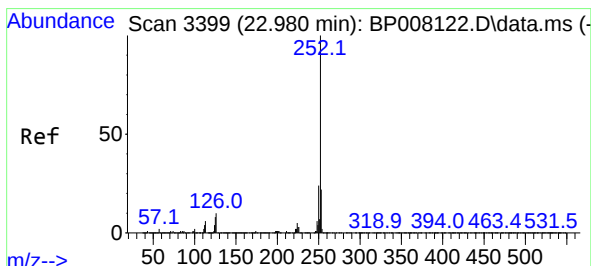
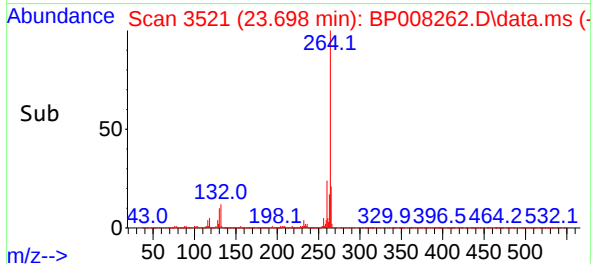
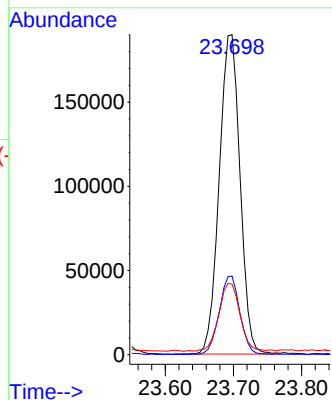
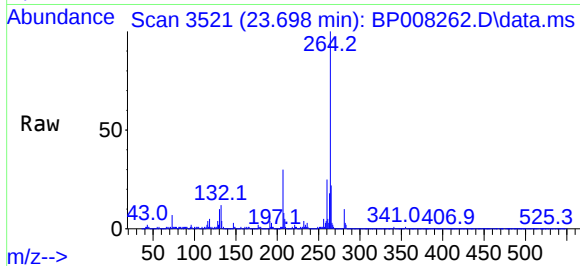




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.698 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP008262.D
 Acq: 07 Dec 2021 21:47

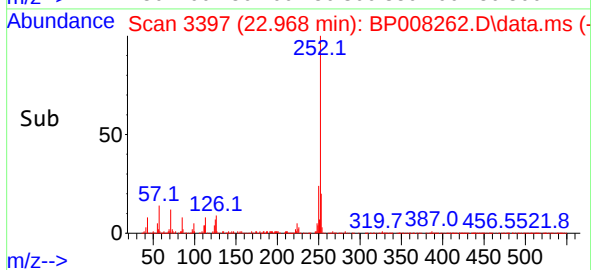
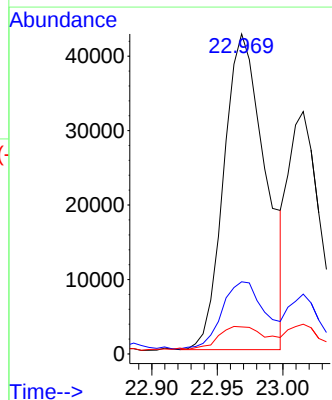
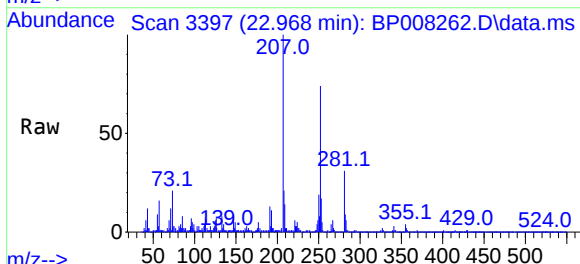
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-221

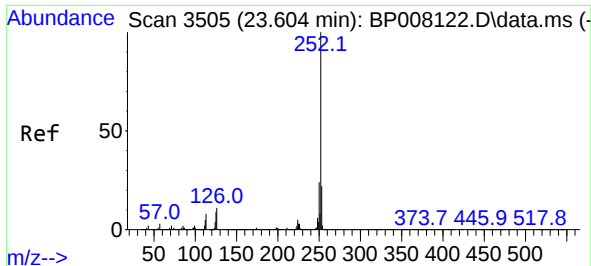
Tgt Ion:264 Resp: 403433
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 22.0 17.6 26.4



#88
 Benzo(b)fluoranthene
 Concen: 3.863 ng
 RT: 22.968 min Scan# 3397
 Delta R.T. -0.018 min
 Lab File: BP008262.D
 Acq: 07 Dec 2021 21:47

Tgt Ion:252 Resp: 93943
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.7 26.5
 125 8.4 6.2 9.4

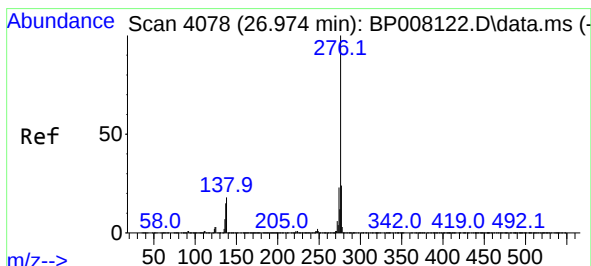
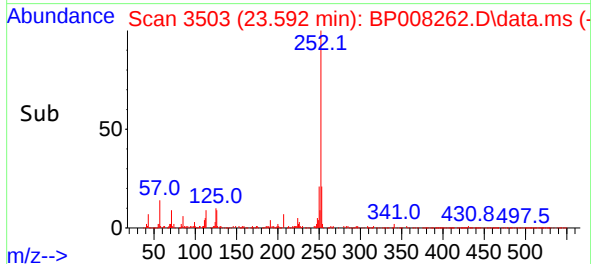
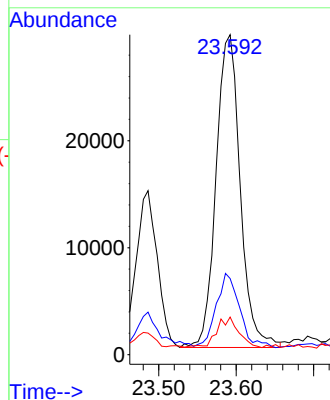
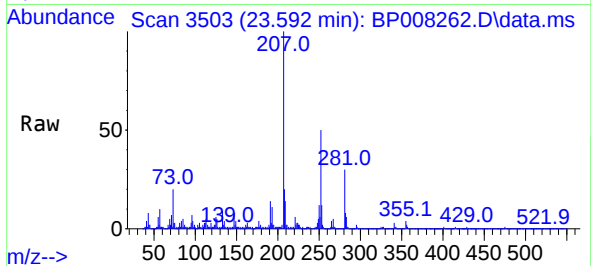




#90
Benzo(a)pyrene
Concen: 3.054 ng
RT: 23.592 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008262.D
Acq: 07 Dec 2021 21:47

Instrument :
BNA_P
ClientSampleId :
VNJ-221

Tgt Ion:252 Resp: 63478
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 11.7 7.4 11.0#



#92
Benzo(g,h,i)perylene
Concen: 2.328 ng
RT: 26.951 min Scan# 4074
Delta R.T. -0.047 min
Lab File: BP008262.D
Acq: 07 Dec 2021 21:47

Tgt Ion:276 Resp: 57252
Ion Ratio Lower Upper
276 100
277 22.8 20.0 30.0
138 16.0 14.1 21.1

