

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
 Data File : BP005552.D
 Acq On : 14 May 2021 16:59
 Operator : CG/JU
 Sample : M2371-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-206

Quant Time: May 14 17:41:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 12:01:17 2021
 Response via : Initial Calibration

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

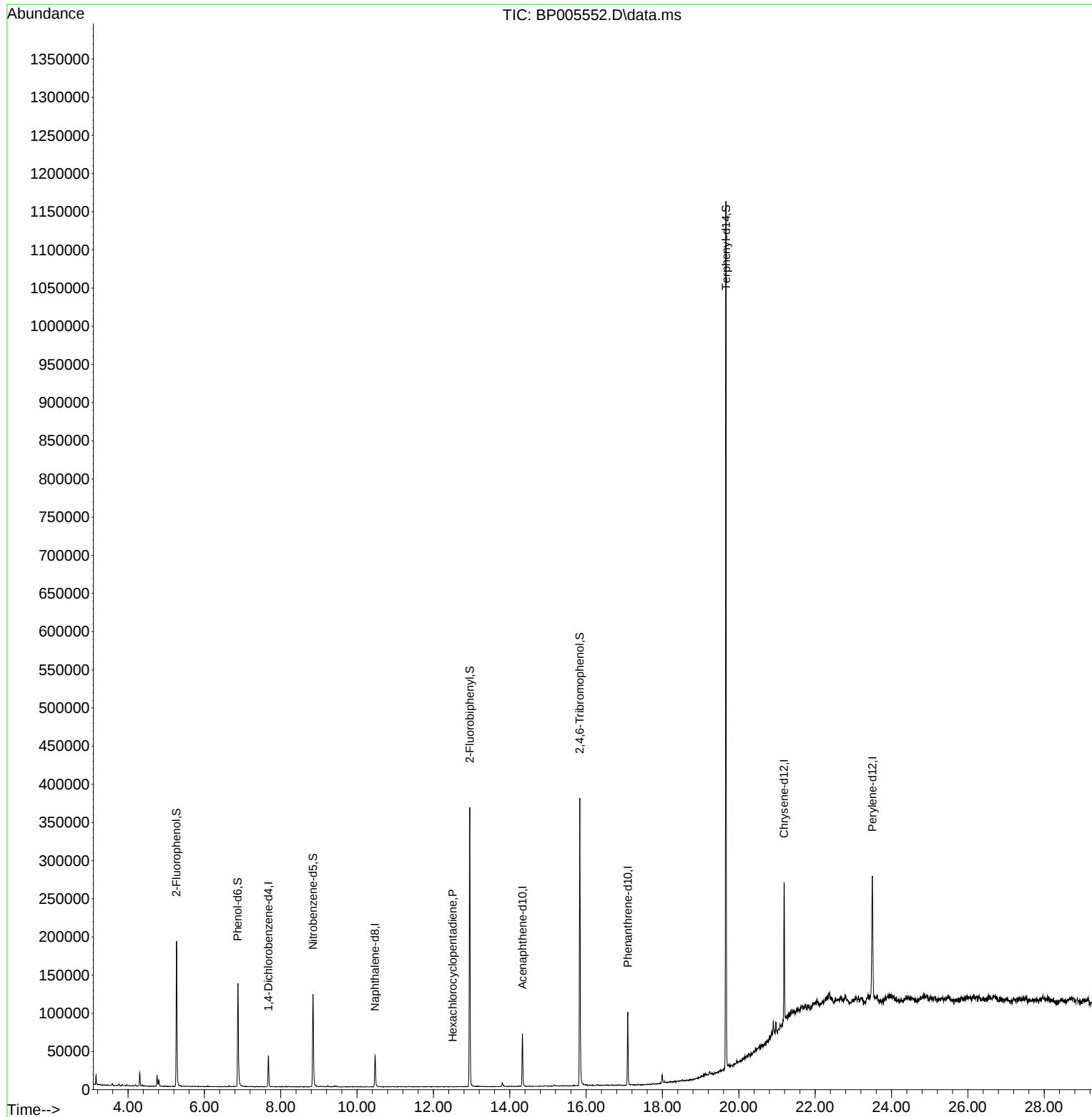
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	8436	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	27545	20.00	ng	# 0.00
39) Acenaphthene-d10	14.334	164	21530	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	54365	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	90570	20.00	ng	# 0.00
86) Perylene-d12	23.498	264	120560	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.270	112	59819	136.08	ng	0.00
7) Phenol-d6	6.875	99	59018	107.67	ng	0.00
23) Nitrobenzene-d5	8.846	82	63179	90.28	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	76655	125.47	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	159195	83.41	ng	0.00
79) Terphenyl-d14	19.663	244	428707	80.39	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.164	88	26	Below Cal	#	1
9) Benzaldehyde	6.805	77	12	Below Cal	#	52
41) Hexachlorocyclopentadiene	12.504	237	16	7.91	ng	74

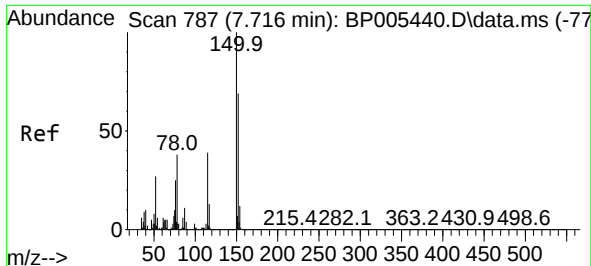
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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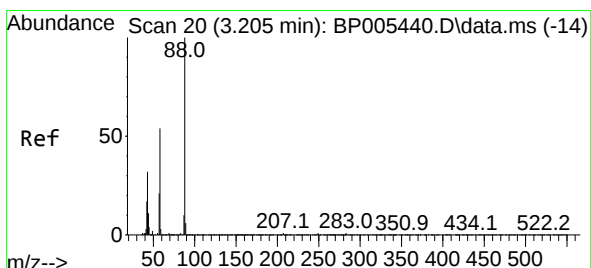
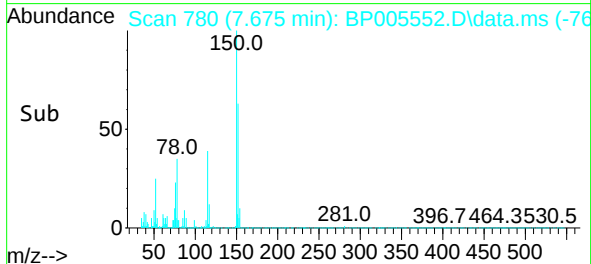
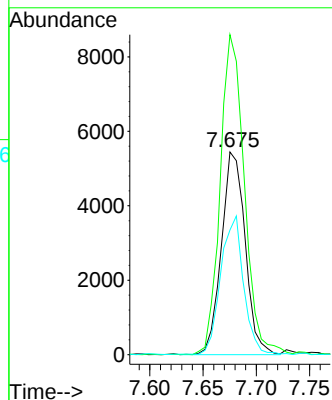
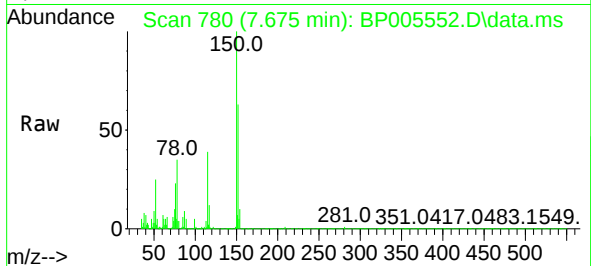




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BP005552.D
Acq: 14 May 2021 16:59

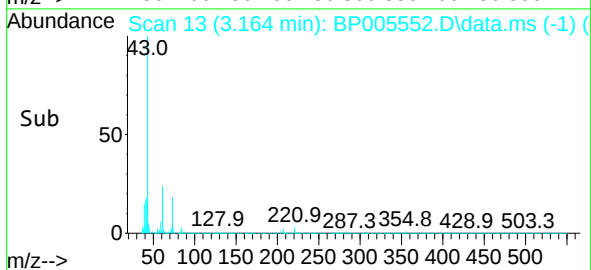
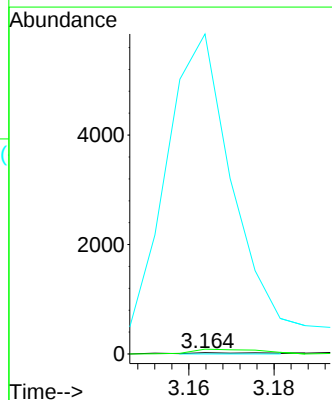
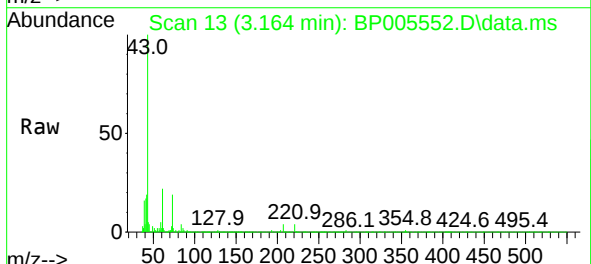
Instrument :
BNA_P
ClientSampleId :
VNJ-206

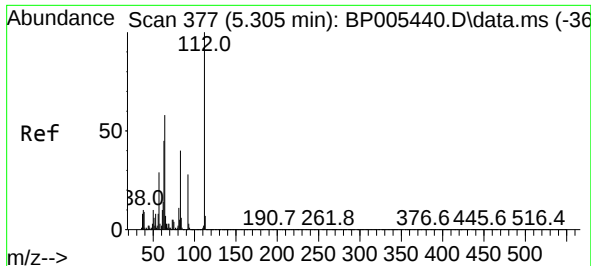
Tgt Ion:152 Resp: 8436
Ion Ratio Lower Upper
152 100
150 157.8 119.8 179.8
115 61.4 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.164 min Scan# 13
Delta R.T. 0.006 min
Lab File: BP005552.D
Acq: 14 May 2021 16:59

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
58 380.8 42.5 63.7#
43 22900.0 19.8 29.8#

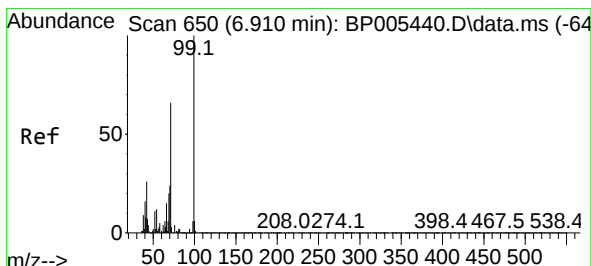
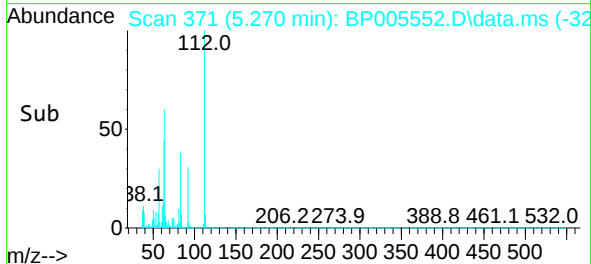
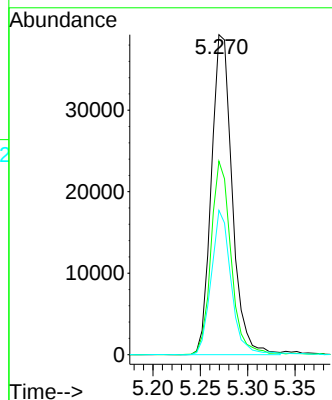
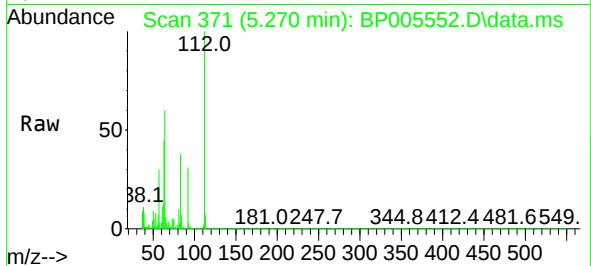




#5
2-Fluorophenol
Concen: 136.08 ng
RT: 5.270 min Scan# 371
Delta R.T. 0.000 min
Lab File: BP005552.D
Acq: 14 May 2021 16:59

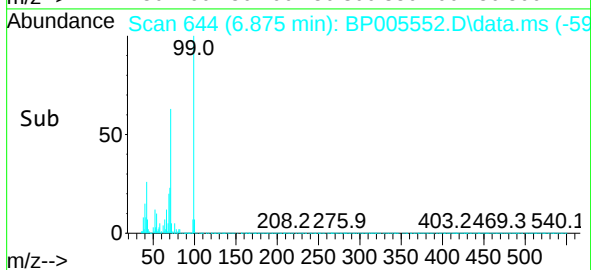
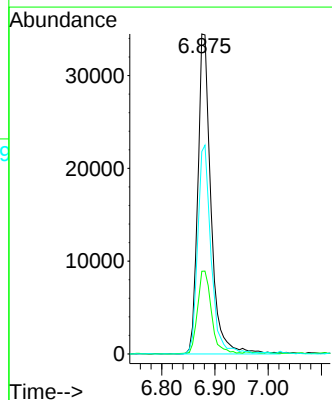
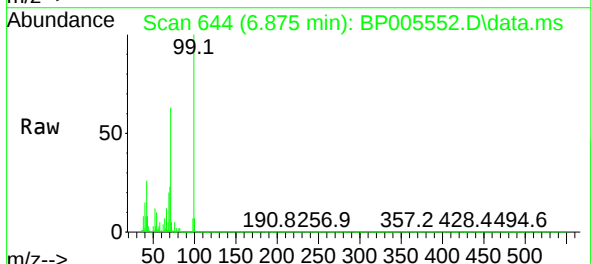
Instrument :
BNA_P
ClientSampleId :
VNJ-206

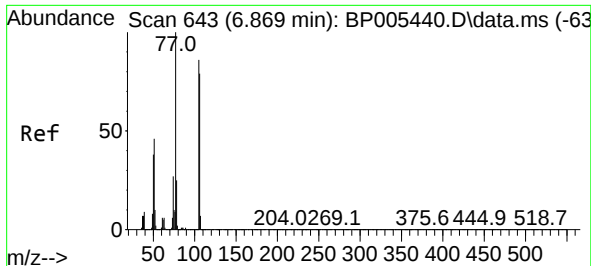
Tgt Ion:112 Resp: 59819
Ion Ratio Lower Upper
112 100
64 60.4 33.6 50.4#
63 45.1 18.6 27.8#



#7
Phenol-d6
Concen: 107.67 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005552.D
Acq: 14 May 2021 16:59

Tgt Ion: 99 Resp: 59018
Ion Ratio Lower Upper
99 100
42 25.9 12.9 19.3#
71 63.2 26.7 40.1#

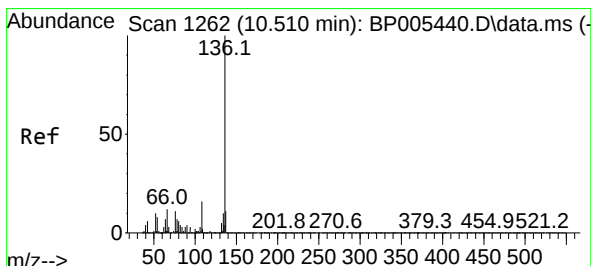
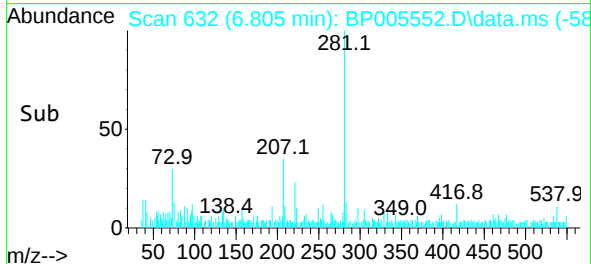
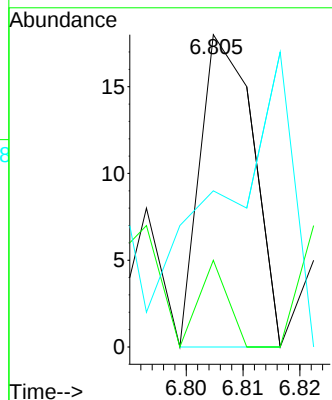
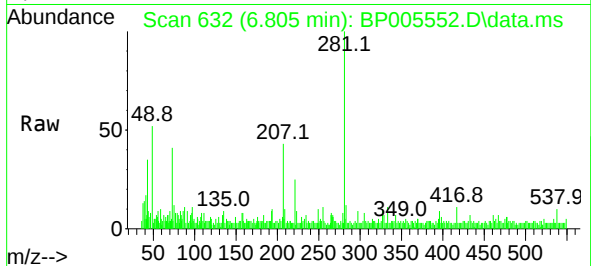




#9
Benzaldehyde
Concen: Below Cal
RT: 6.805 min Scan# 632
Delta R.T. -0.023 min
Lab File: BP005552.D
Acq: 14 May 2021 16:59

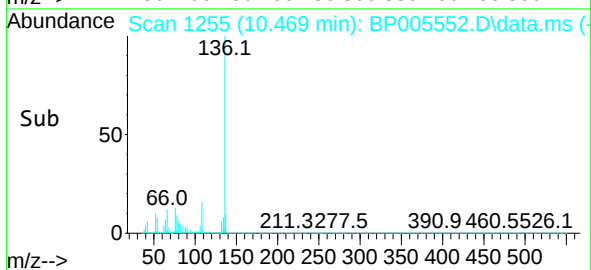
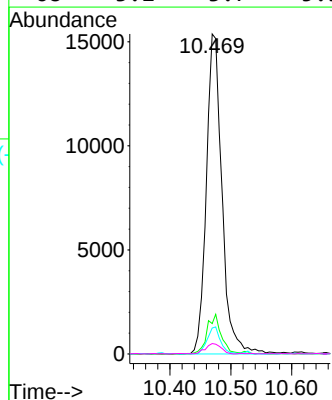
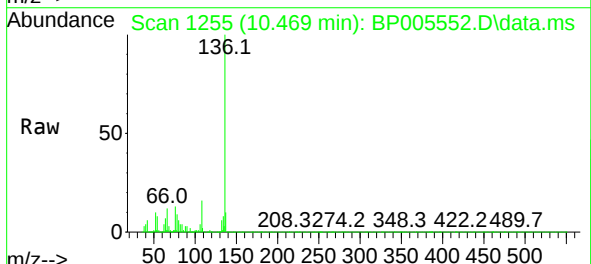
Instrument :
BNA_P
ClientSampleId :
VNJ-206

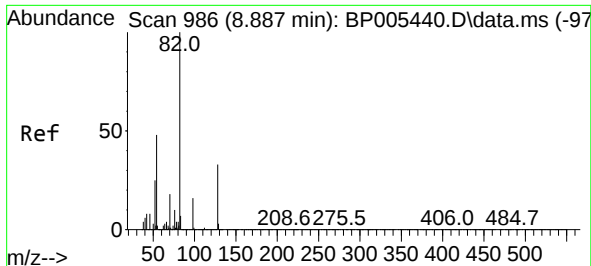
Tgt Ion: 77 Resp: 12
Ion Ratio Lower Upper
77 100
105 27.8 89.4 129.4#
106 83.3 79.9 119.9



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP005552.D
Acq: 14 May 2021 16:59

Tgt Ion: 136 Resp: 27545
Ion Ratio Lower Upper
136 100
137 9.5 8.9 13.3
54 8.1 5.0 7.4#
68 3.2 3.7 5.5#

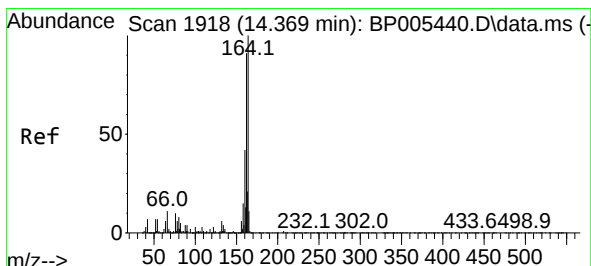
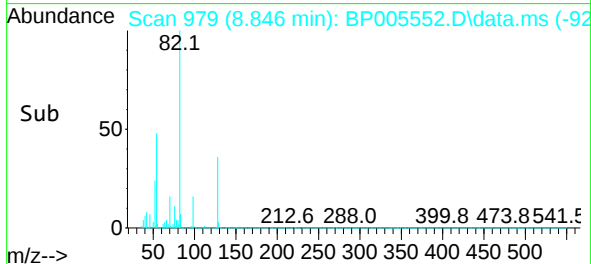
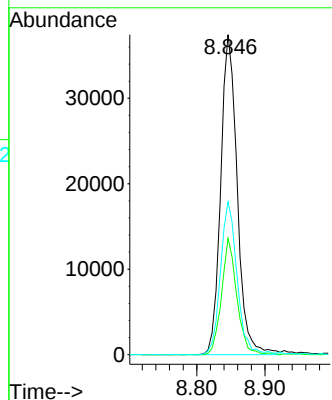
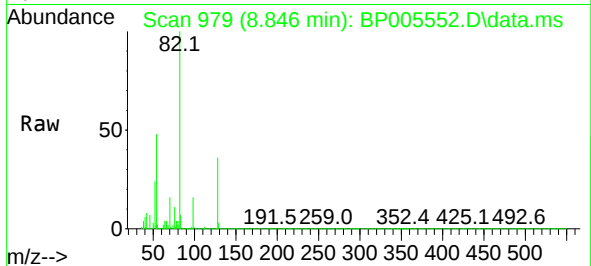




#23
Nitrobenzene-d5
Concen: 90.28 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP005552.D
Acq: 14 May 2021 16:59

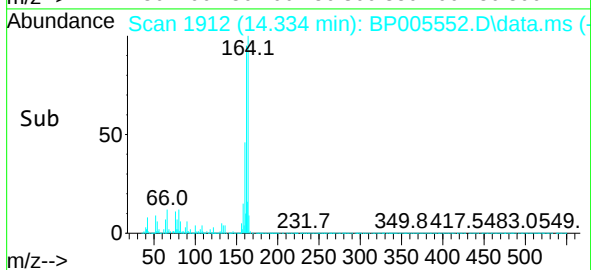
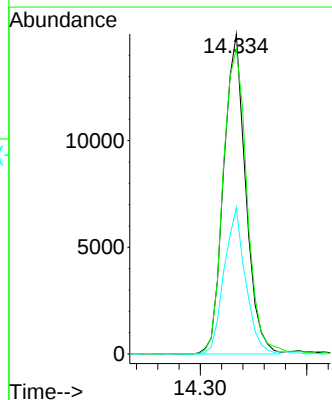
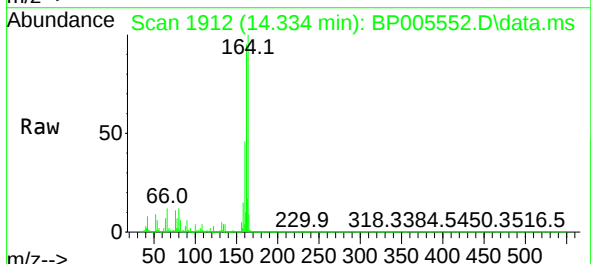
Instrument :
BNA_P
ClientSampleId :
VNJ-206

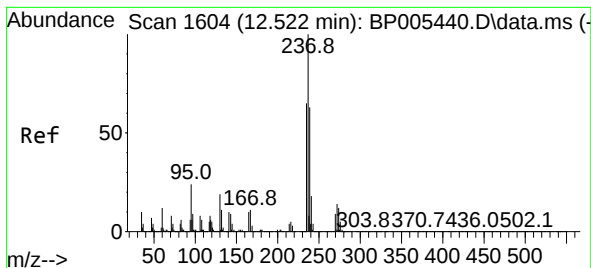
Tgt Ion:	82	Resp:	63179
Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.5	45.7
54	47.8	33.9	50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.334 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP005552.D
Acq: 14 May 2021 16:59

Tgt Ion:	164	Resp:	21530
Ion	Ratio	Lower	Upper
164	100		
162	95.4	73.5	110.3
160	45.8	40.6	61.0

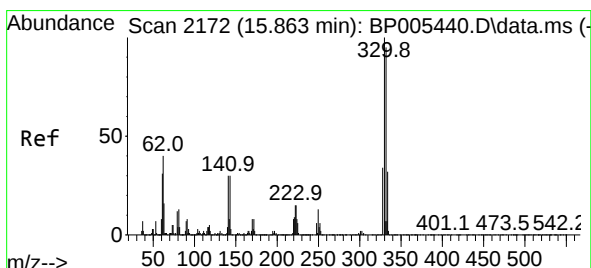
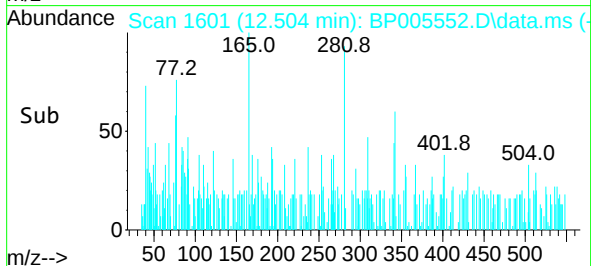
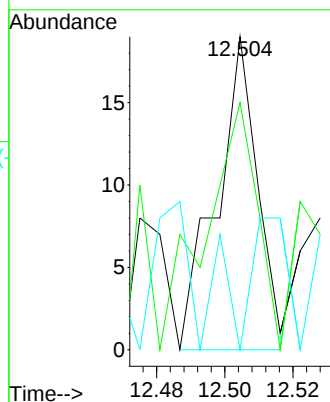
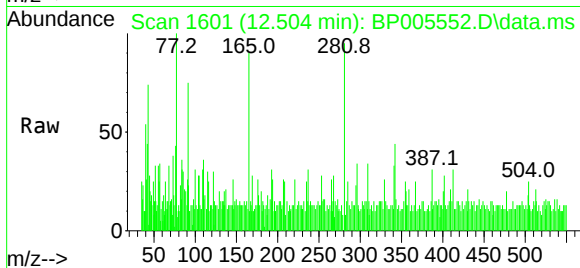




#41
Hexachlorocyclopentadiene
Concen: 7.91 ng
RT: 12.504 min Scan# 1601
Delta R.T. 0.024 min
Lab File: BP005552.D
Acq: 14 May 2021 16:59

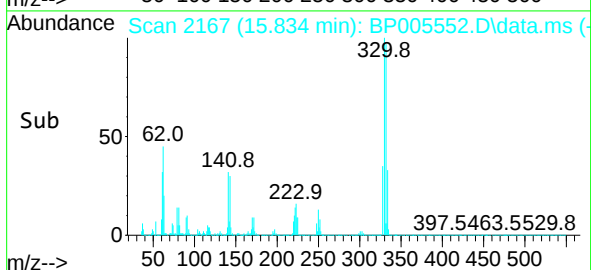
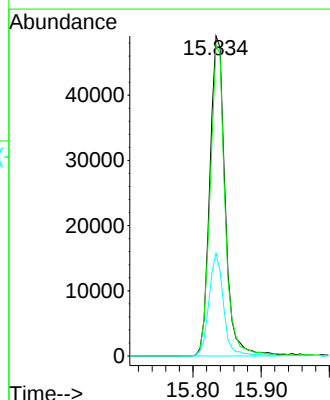
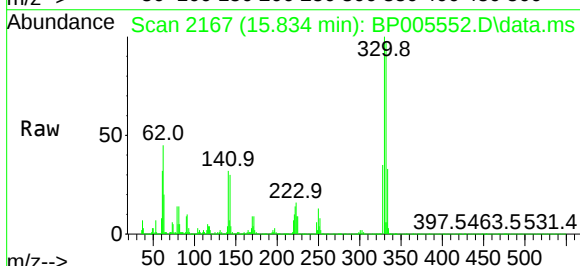
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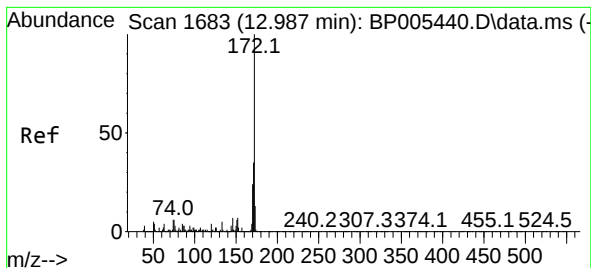
Tgt Ion:237	Resp:	16
Ion Ratio	Lower	Upper
237	100	
235	78.9	40.9 80.9
272	0.0	0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 125.47 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP005552.D
Acq: 14 May 2021 16:59

Tgt Ion:330	Resp:	76655
Ion Ratio	Lower	Upper
330	100	
332	94.2	76.3 114.5
141	30.6	22.8 34.2

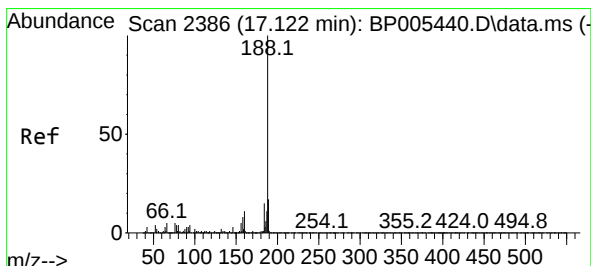
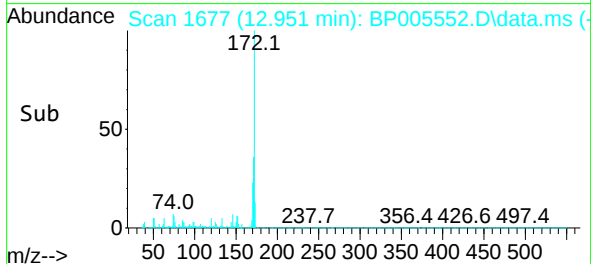
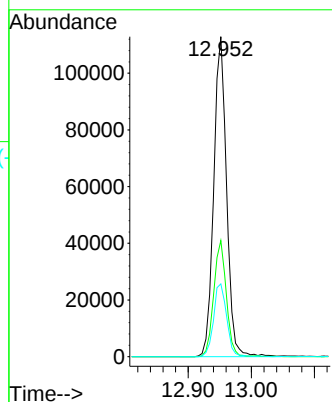
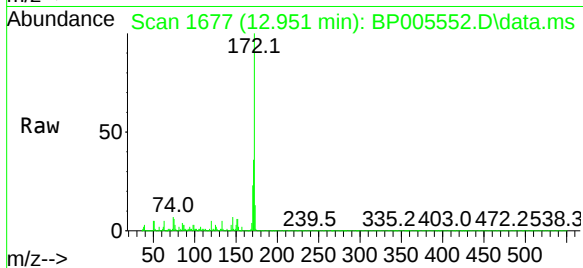




#45
2-Fluorobiphenyl
Concen: 83.41 ng
RT: 12.951 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP005552.D
Acq: 14 May 2021 16:59

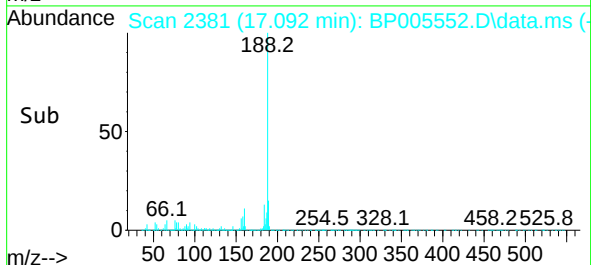
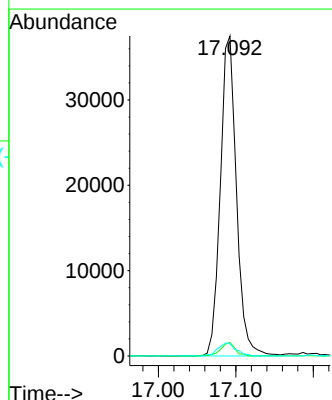
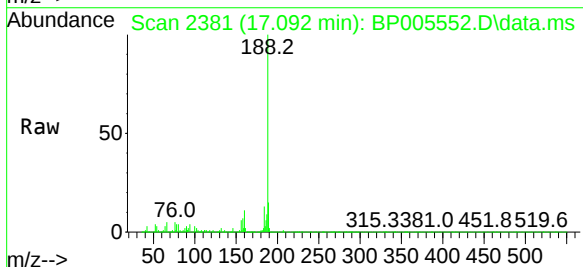
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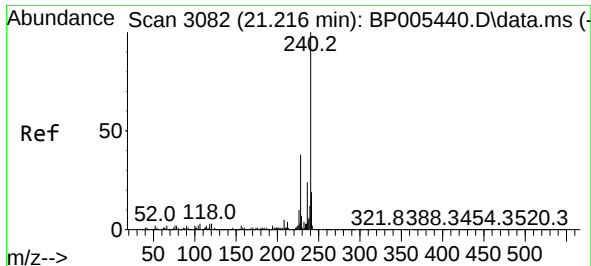
Tgt Ion:172 Resp: 159195
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 22.8 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. 0.006 min
Lab File: BP005552.D
Acq: 14 May 2021 16:59

Tgt Ion:188 Resp: 54365
Ion Ratio Lower Upper
188 100
94 4.2 5.0 7.6#
80 3.8 5.9 8.9#

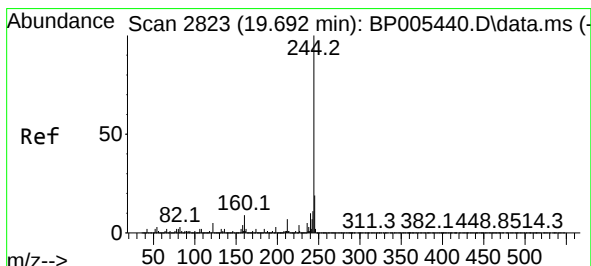
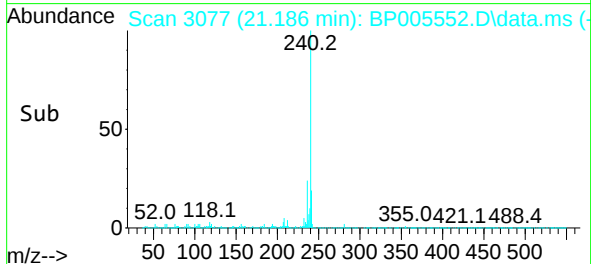
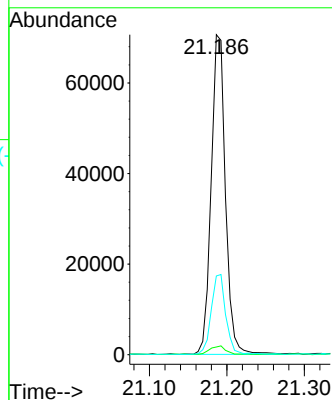
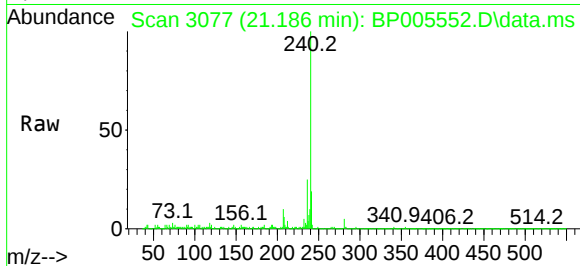




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005552.D
Acq: 14 May 2021 16:59

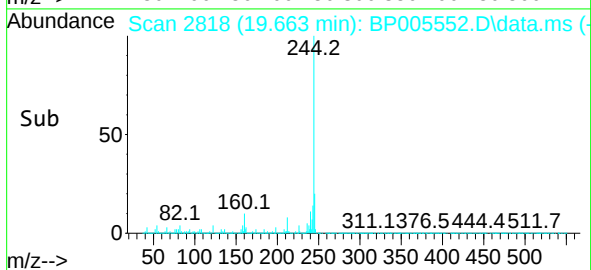
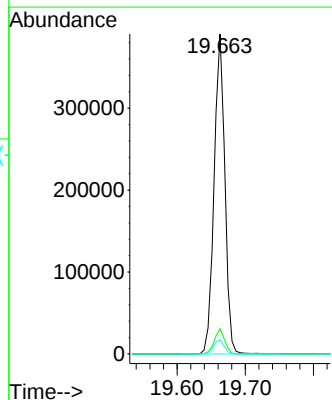
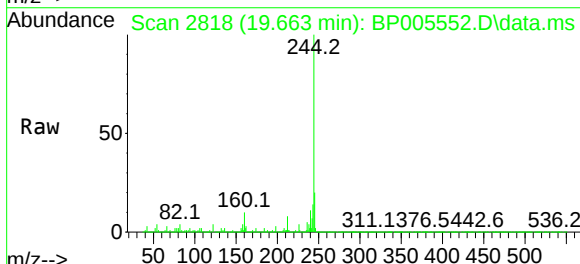
Instrument :
BNA_P
ClientSampleId :
VNJ-206

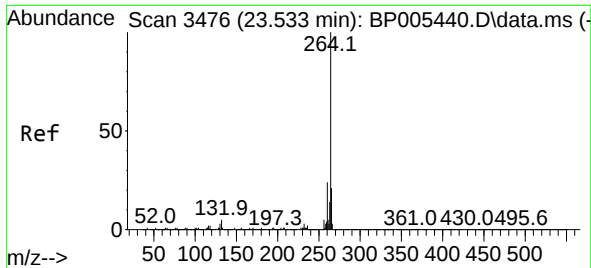
Tgt Ion:240 Resp: 90570
Ion Ratio Lower Upper
240 100
120 2.4 4.2 6.2#
236 24.6 20.2 30.2



#79
Terphenyl-d14
Concen: 80.39 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP005552.D
Acq: 14 May 2021 16:59

Tgt Ion:244 Resp: 428707
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.6
122 4.5 5.2 7.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.498 min Scan# 3470
 Delta R.T. 0.000 min
 Lab File: BP005552.D
 Acq: 14 May 2021 16:59

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-206

Tgt Ion:	264	Resp:	120560
Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	30.8
265	22.9	19.0	28.6

