

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111821\
 Data File : BP008037.D
 Acq On : 19 Nov 2021 02:56
 Operator : CG/JU
 Sample : M4724-27
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T-132-3

Quant Time: Nov 19 03:29:09 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 05:36:49 2021
 Response via : Initial Calibration

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

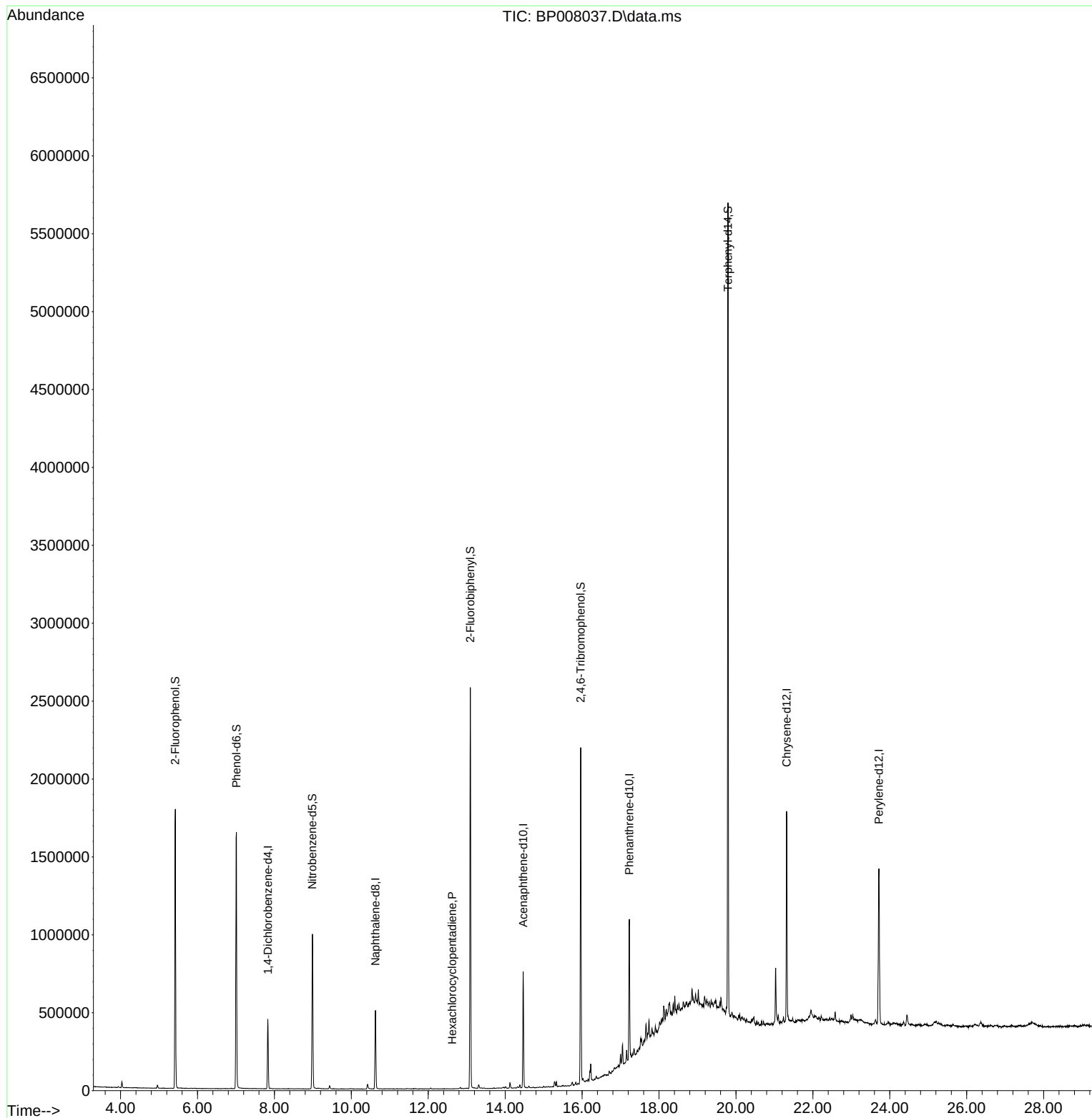
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	118921	20.000	ng	-0.01
21) Naphthalene-d8	10.628	136	397521	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	256390	20.000	ng	-0.01
64) Phenanthrene-d10	17.227	188	552514	20.000	ng	#-0.01
76) Chrysene-d12	21.315	240	689949	20.000	ng	-0.02
86) Perylene-d12	23.715	264	792056	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	768813	104.875	ng	0.00
7) Phenol-d6	7.010	99	932834	95.652	ng	-0.01
23) Nitrobenzene-d5	8.987	82	568554	76.538	ng	-0.02
42) 2,4,6-Tribromophenol	15.963	330	440761	109.262	ng	-0.01
45) 2-Fluorobiphenyl	13.092	172	1287428	70.436	ng	-0.01
79) Terphenyl-d14	19.792	244	2374650	69.789	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.969	77	246	Below Cal	#	51
16) 2,2'-oxybis(1-Chloropr...	8.357	45	72	Below Cal	#	1
41) Hexachlorocyclopentadiene	12.622	237	8	3.071	ng	95

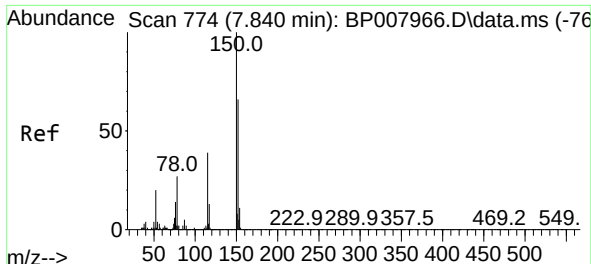
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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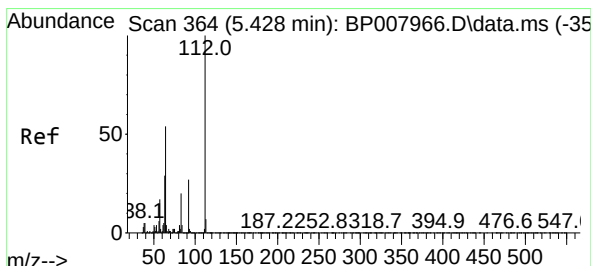
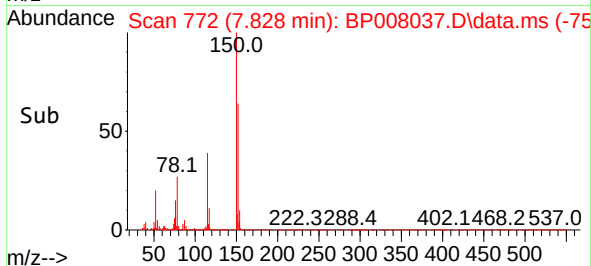
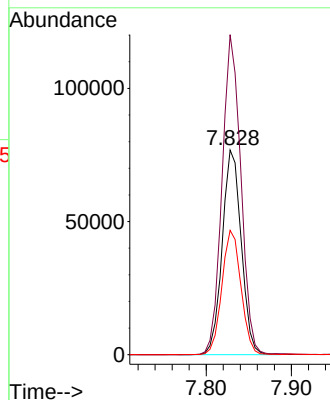
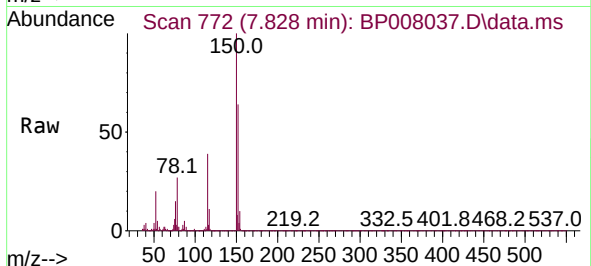




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP008037.D
Acq: 19 Nov 2021 02:56

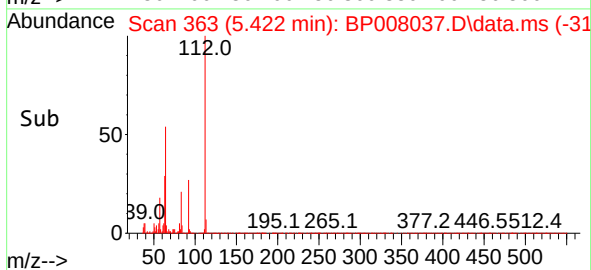
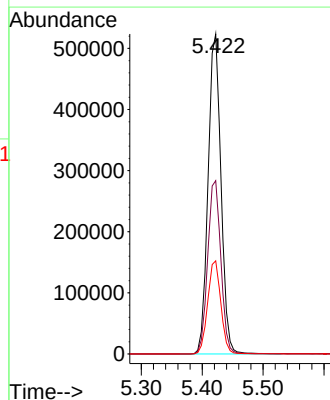
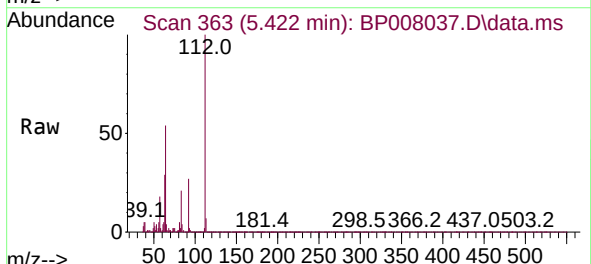
Instrument :
BNA_P
ClientSampleId :
T-132-3

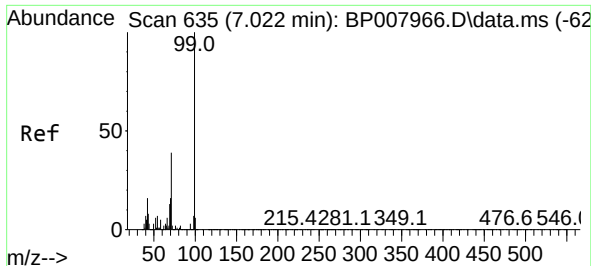
Tgt Ion:152 Resp: 118921
Ion Ratio Lower Upper
152 100
150 156.3 124.1 186.1
115 60.7 48.1 72.1



#5
2-Fluorophenol
Concen: 104.875 ng
RT: 5.422 min Scan# 363
Delta R.T. -0.006 min
Lab File: BP008037.D
Acq: 19 Nov 2021 02:56

Tgt Ion:112 Resp: 768813
Ion Ratio Lower Upper
112 100
64 54.1 46.6 70.0
63 29.1 25.0 37.6





#7

Phenol-d6

Concen: 95.652 ng

RT: 7.010 min Scan# 61

Delta R.T. -0.012 min

Lab File: BP008037.D

Acq: 19 Nov 2021 02:56

Instrument :

BNA_P

ClientSampleId :

T-132-3

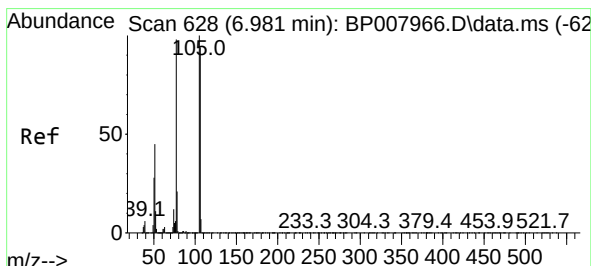
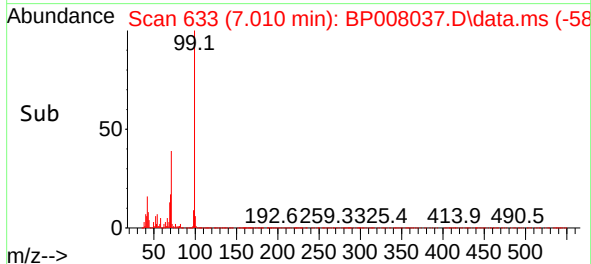
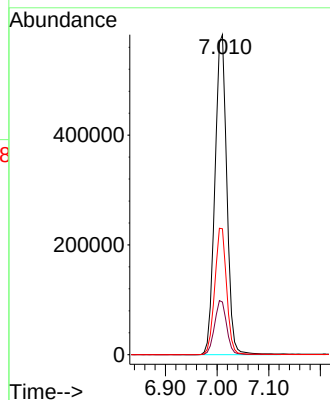
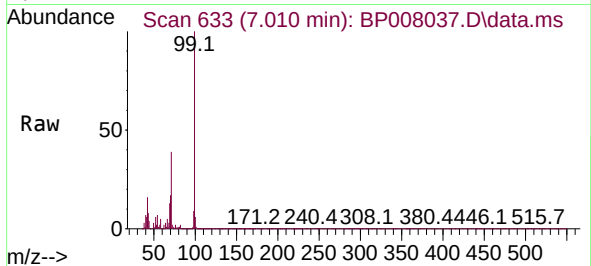
Tgt Ion: 99 Resp: 932834

Ion Ratio Lower Upper

99 100

42 16.5 14.9 22.3

71 39.4 29.2 43.8



#9

Benzaldehyde

Concen: Below Cal

RT: 6.969 min Scan# 626

Delta R.T. -0.012 min

Lab File: BP008037.D

Acq: 19 Nov 2021 02:56

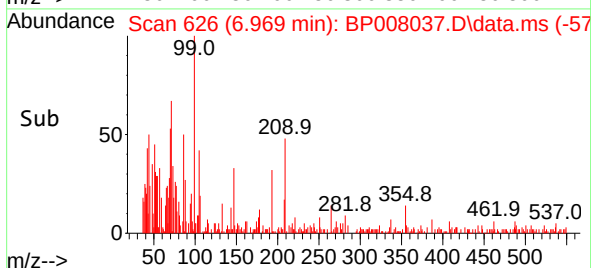
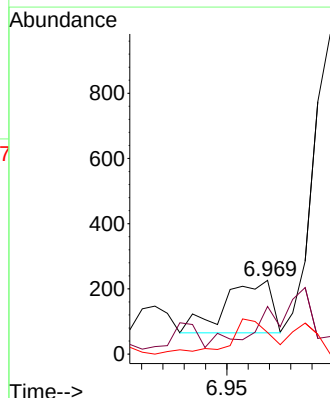
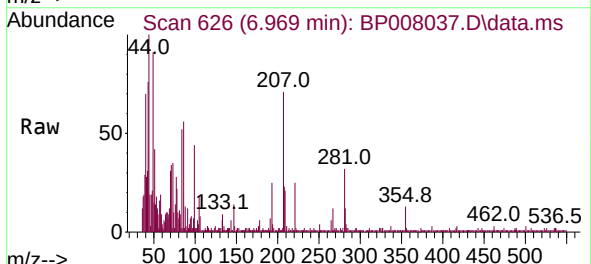
Tgt Ion: 77 Resp: 246

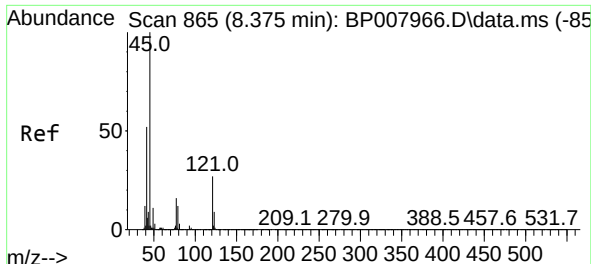
Ion Ratio Lower Upper

77 100

105 64.6 77.5 117.5#

106 29.2 72.1 112.1#

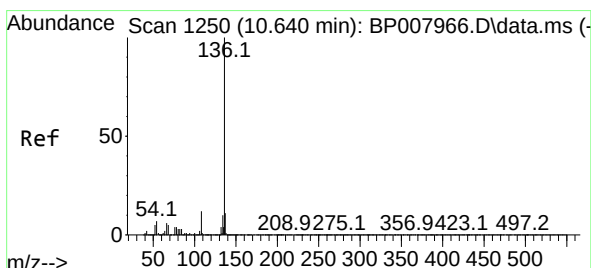
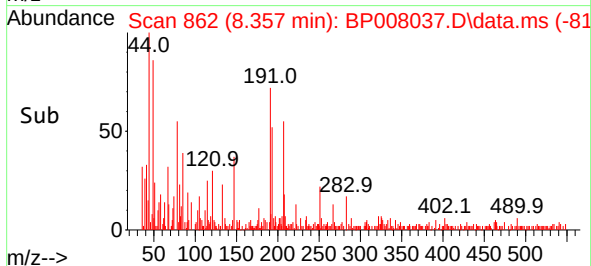
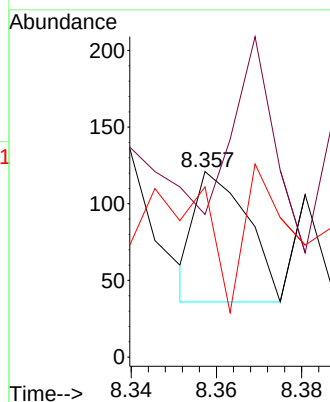
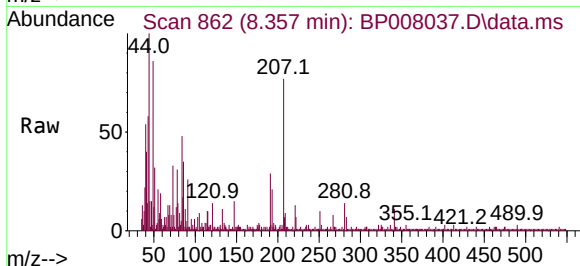




#16
2,2'-oxybis(1-Chloropropane)
Concen: Below Cal
RT: 8.357 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP008037.D
Acq: 19 Nov 2021 02:56

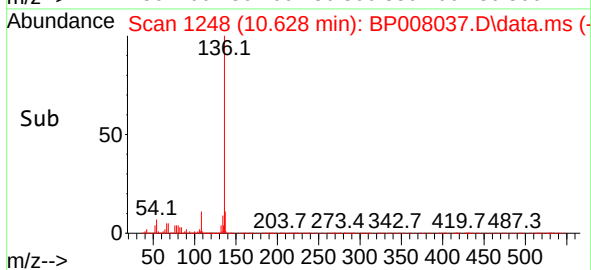
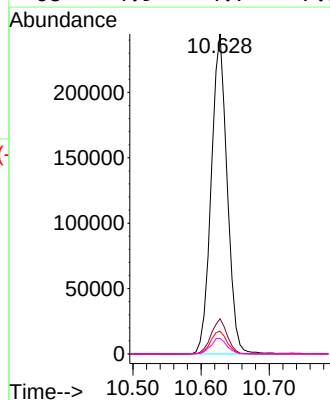
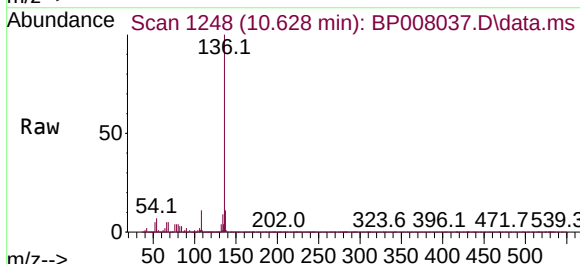
Instrument :
BNA_P
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T-132-3

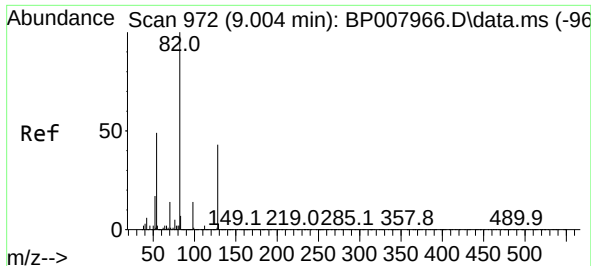
Tgt Ion:	45	Resp:	72
Ion	Ratio	Lower	Upper
45	100		
77	76.9	0.0	34.9#
79	91.7	0.0	31.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1248
Delta R.T. -0.012 min
Lab File: BP008037.D
Acq: 19 Nov 2021 02:56

Tgt Ion:	136	Resp:	397521
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.1	6.2	9.4
68	4.9	4.7	7.1

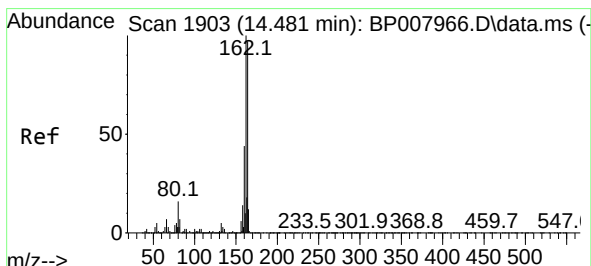
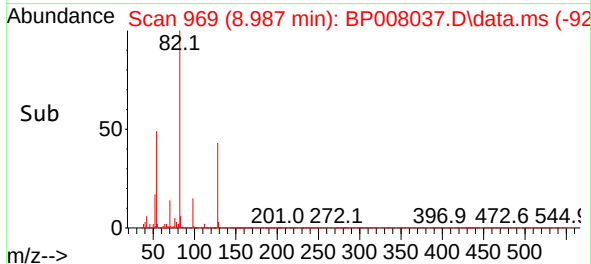
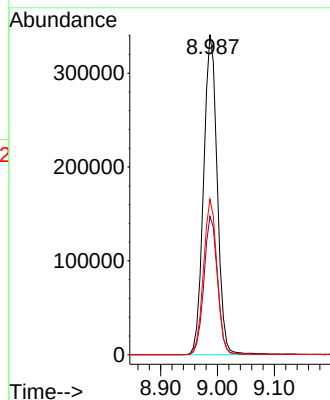
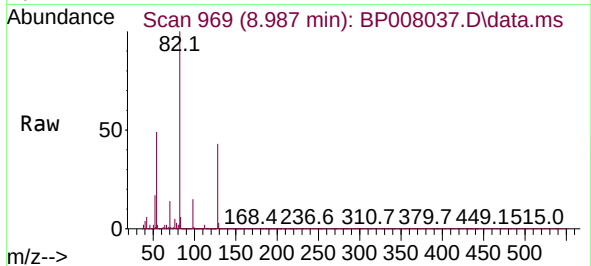




#23
Nitrobenzene-d5
Concen: 76.538 ng
RT: 8.987 min Scan# 90
Delta R.T. -0.017 min
Lab File: BP008037.D
Acq: 19 Nov 2021 02:56

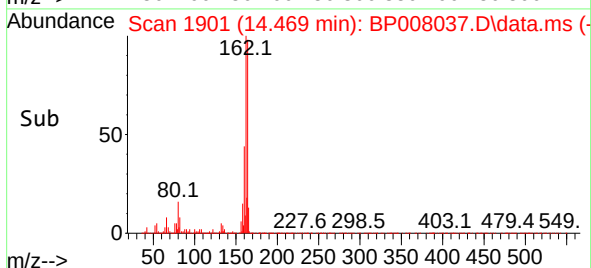
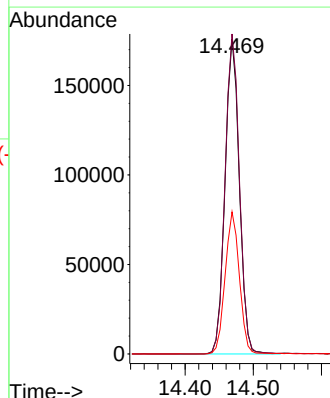
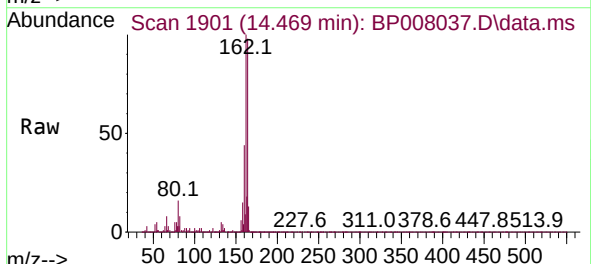
Instrument :
BNA_P
ClientSampleId :
T-132-3

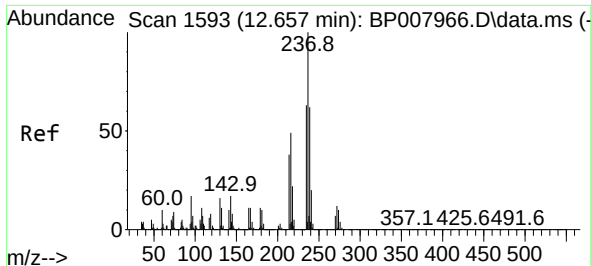
Tgt Ion: 82 Resp: 568554
Ion Ratio Lower Upper
82 100
128 43.3 32.6 48.8
54 48.6 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BP008037.D
Acq: 19 Nov 2021 02:56

Tgt Ion: 164 Resp: 256390
Ion Ratio Lower Upper
164 100
162 101.6 81.1 121.7
160 45.1 36.0 54.0

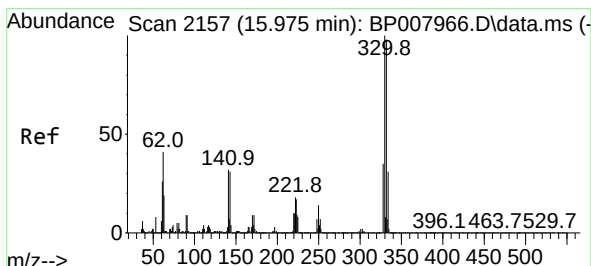
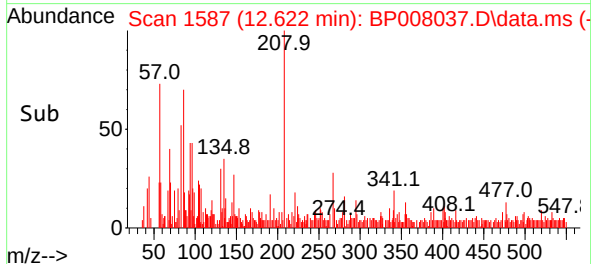
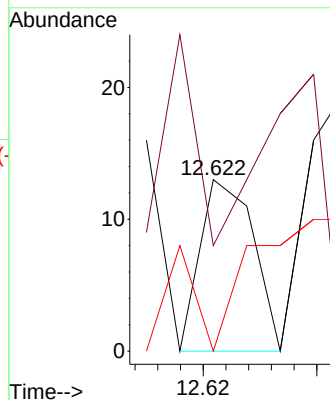
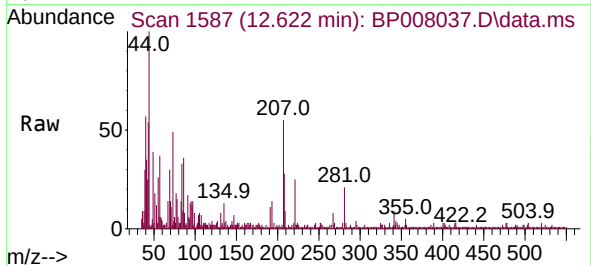




#41
Hexachlorocyclopentadiene
Concen: 3.071 ng
RT: 12.622 min Scan# 11
Delta R.T. -0.035 min
Lab File: BP008037.D
Acq: 19 Nov 2021 02:56

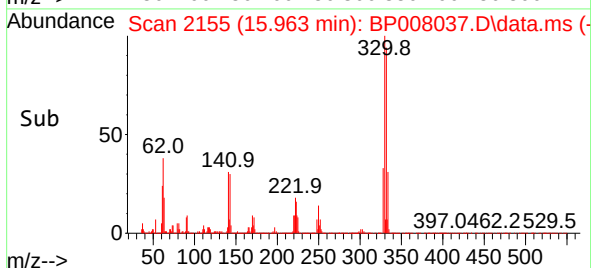
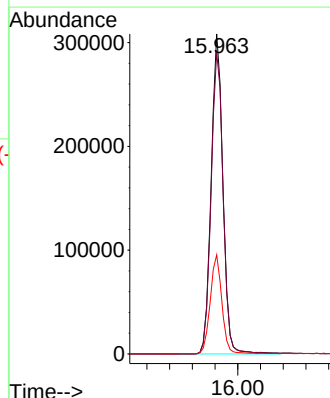
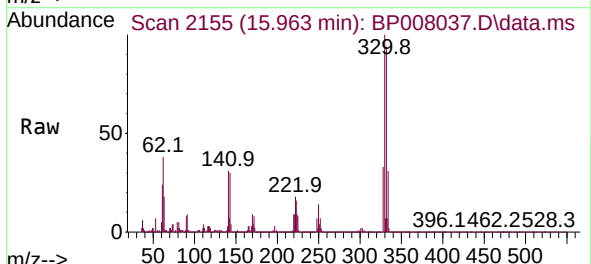
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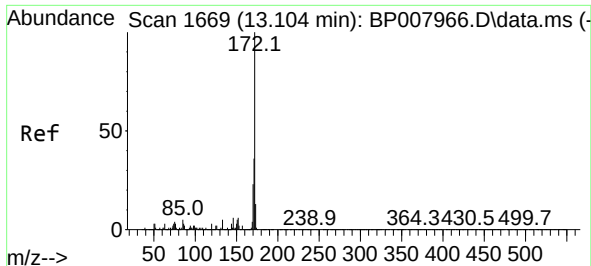
Tgt Ion:237	Resp:	8
Ion Ratio	Lower	Upper
237	100	
235	61.5	41.2 81.2
272	0.0	0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 109.262 ng
RT: 15.963 min Scan# 2155
Delta R.T. -0.012 min
Lab File: BP008037.D
Acq: 19 Nov 2021 02:56

Tgt Ion:330	Resp:	440761
Ion Ratio	Lower	Upper
330	100	
332	96.2	78.9 118.3
141	30.7	30.7 46.1

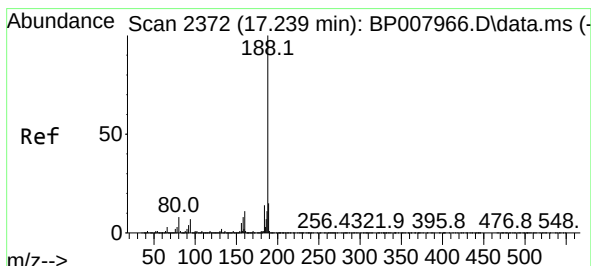
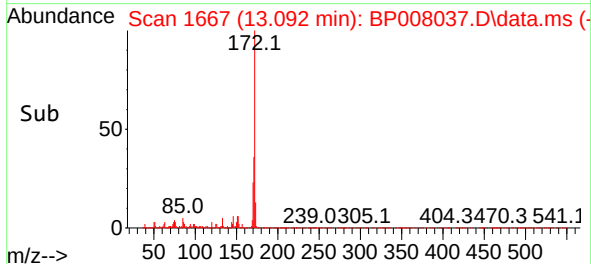
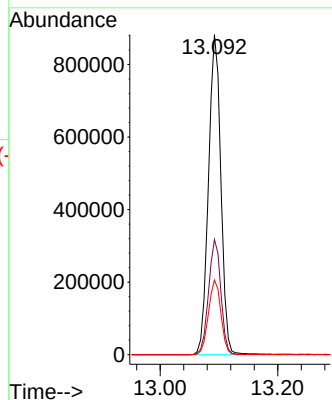
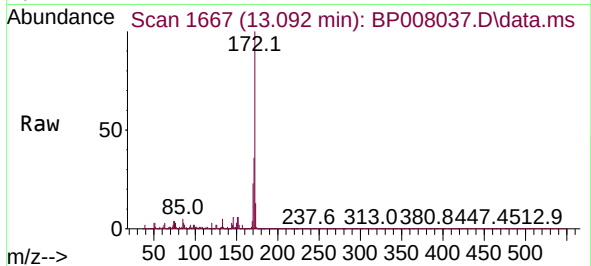




#45
2-Fluorobiphenyl
Concen: 70.436 ng
RT: 13.092 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008037.D
Acq: 19 Nov 2021 02:56

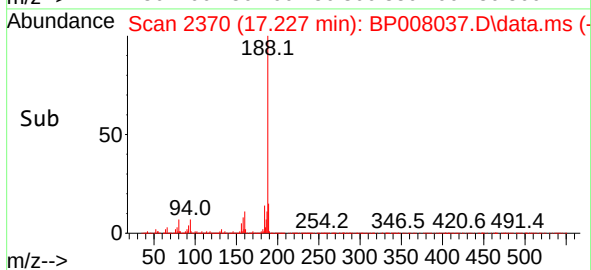
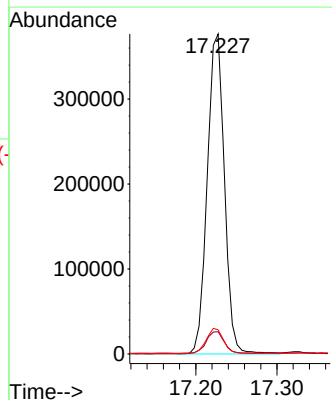
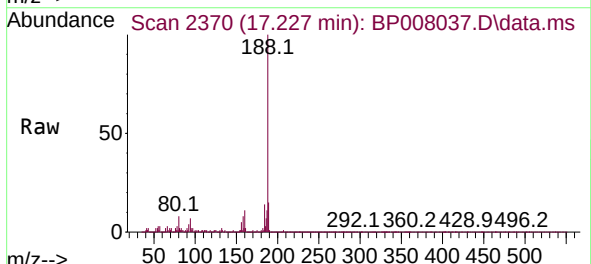
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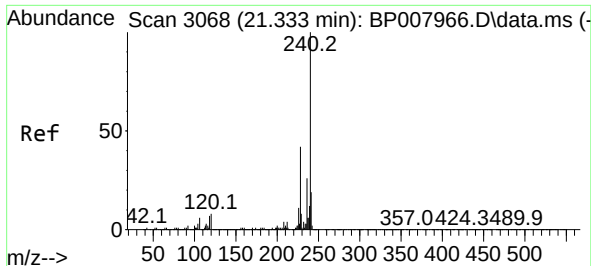
Tgt Ion:172 Resp: 1287428
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 23.3 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2370
Delta R.T. -0.012 min
Lab File: BP008037.D
Acq: 19 Nov 2021 02:56

Tgt Ion:188 Resp: 552514
Ion Ratio Lower Upper
188 100
94 6.9 7.1 10.7#
80 7.6 7.8 11.6#

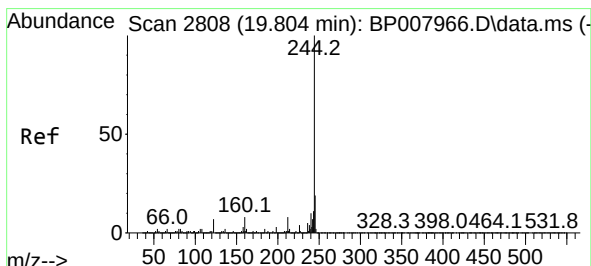
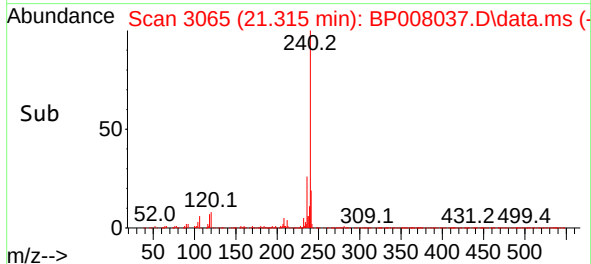
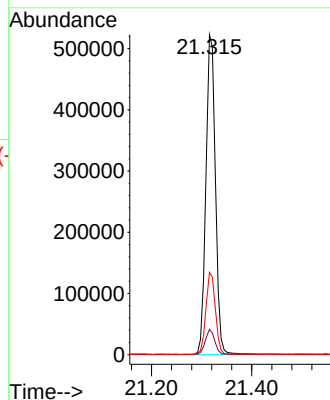
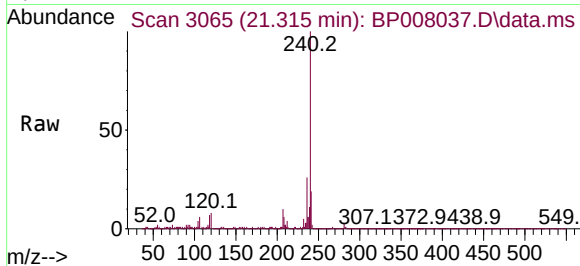




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.315 min Scan# 3065
Delta R.T. -0.018 min
Lab File: BP008037.D
Acq: 19 Nov 2021 02:56

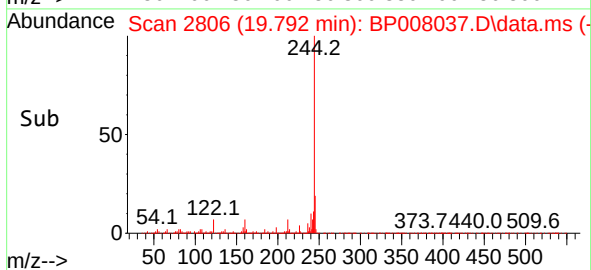
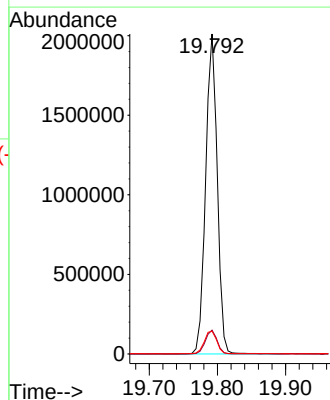
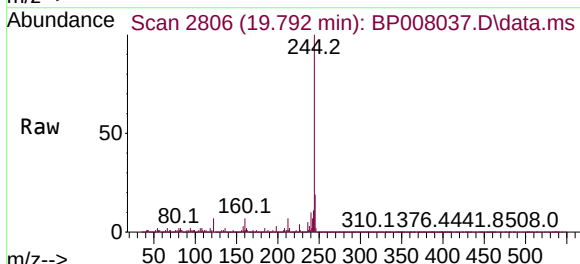
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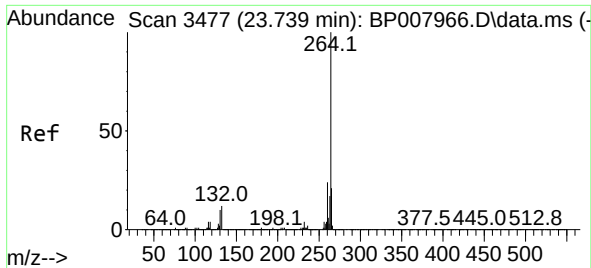
Tgt Ion:	240	Resp:	689949
Ion Ratio	Lower	Upper	
240	100		
120	7.9	7.8	11.8
236	25.7	20.6	30.8



#79
Terphenyl-d14
Concen: 69.789 ng
RT: 19.792 min Scan# 2806
Delta R.T. -0.012 min
Lab File: BP008037.D
Acq: 19 Nov 2021 02:56

Tgt Ion:	244	Resp:	2374650
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.2	9.2
122	7.2	7.8	11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 34
Delta R.T. -0.024 min
Lab File: BP008037.D
Acq: 19 Nov 2021 02:56

Instrument :
BNA_P
ClientSampleId :
T-132-3

Tgt Ion:264 Resp: 792056
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.9 16.7 25.1

