

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120825\
 Data File : BP026254.D
 Acq On : 08 Dec 2025 16:27
 Operator : RC/JU
 Sample : Q3776-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 IDW-RAD-20251203

Quant Time: Dec 08 16:48:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 05 14:52:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	198328	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	770851	20.000	ng	0.00
39) Acenaphthene-d10	14.278	164	502453	20.000	ng	-0.01
64) Phenanthrene-d10	17.078	188	1010064	20.000	ng	-0.02
76) Chrysene-d12	21.530	240	1114890	20.000	ng	0.00
86) Perylene-d12	24.812	264	1317701	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	846487	68.618	ng	0.00
7) Phenol-d6	6.837	99	664086	42.647	ng	0.00
23) Nitrobenzene-d5	8.790	82	1182211	87.296	ng	0.00
42) 2,4,6-Tribromophenol	15.801	330	936879	143.380	ng	0.00
45) 2-Fluorobiphenyl	12.884	172	2961854	85.703	ng	-0.02
79) Terphenyl-d14	19.830	244	4675549	85.717	ng	0.00

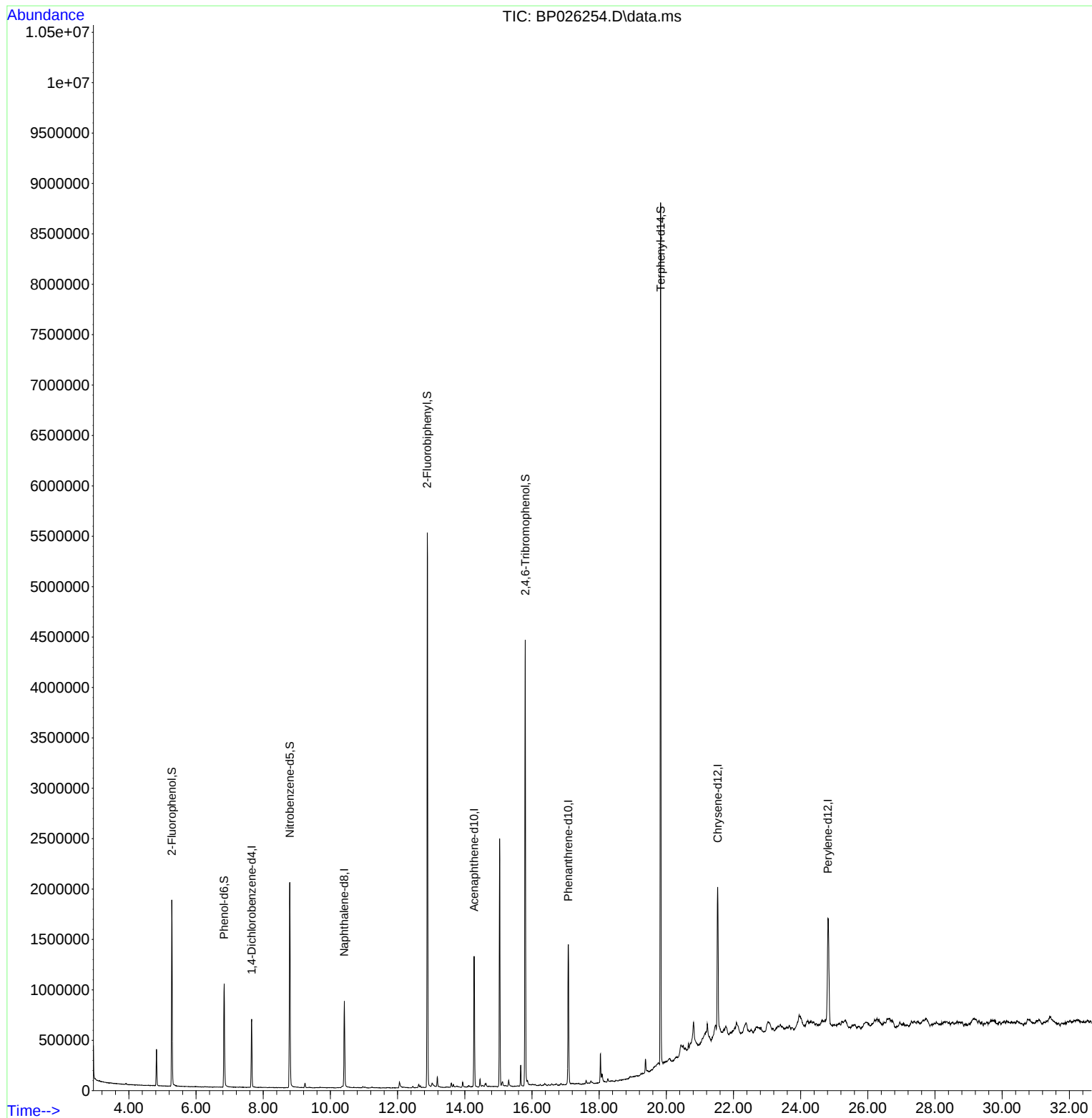
Target Compounds	Qvalue

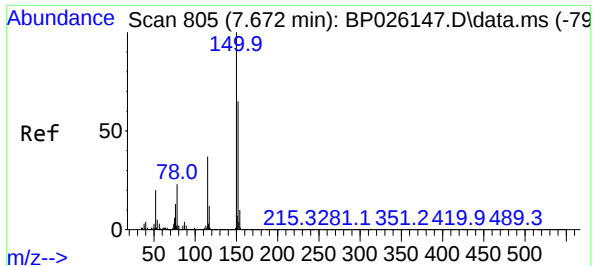
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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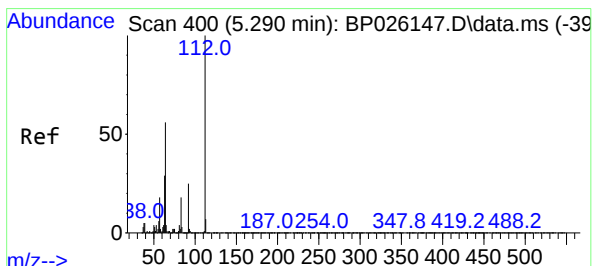
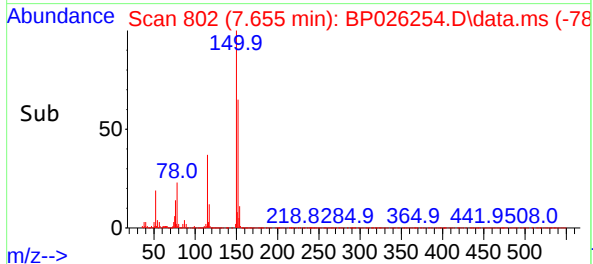
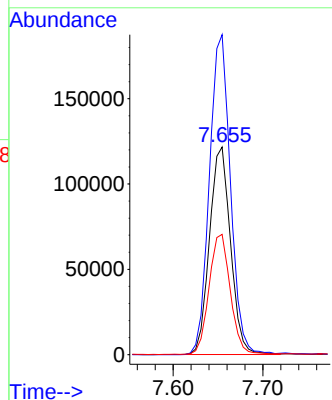
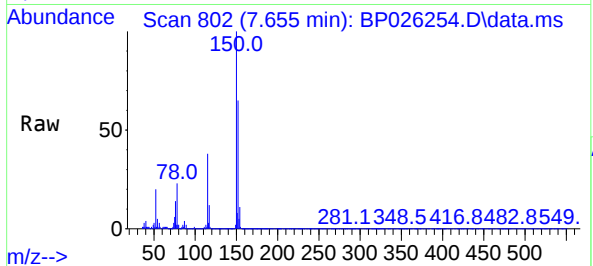




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP026254.D
Acq: 08 Dec 2025 16:27

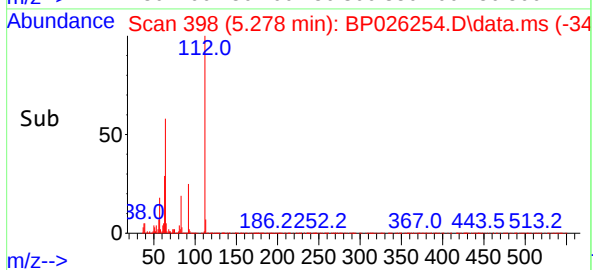
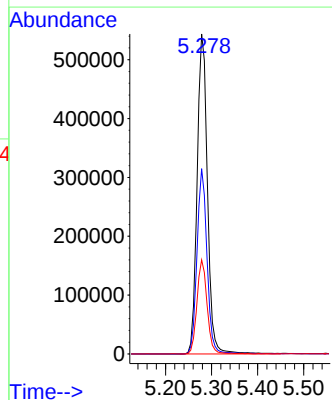
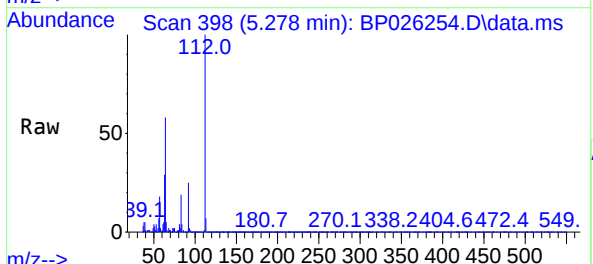
Instrument :
BNA_P
ClientSampleId :
IDW-RAD-20251203

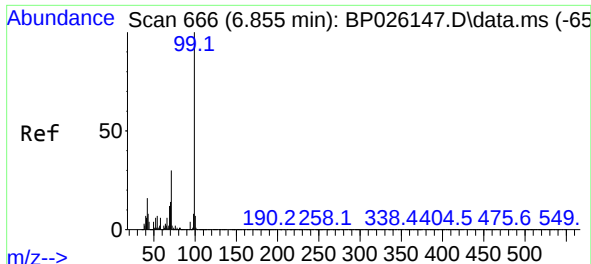
Tgt Ion:152 Resp: 198328
Ion Ratio Lower Upper
152 100
150 154.1 123.0 184.6
115 57.9 46.3 69.5



#5
2-Fluorophenol
Concen: 68.618 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026254.D
Acq: 08 Dec 2025 16:27

Tgt Ion:112 Resp: 846487
Ion Ratio Lower Upper
112 100
64 57.9 45.8 68.6
63 29.4 23.5 35.3



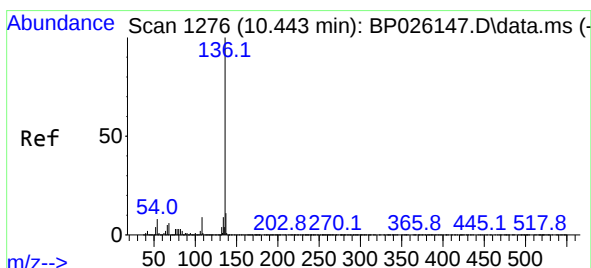
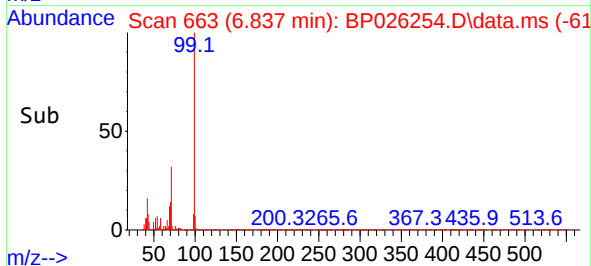
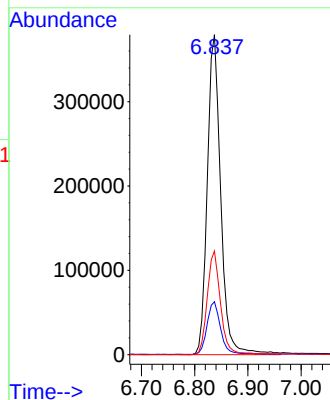
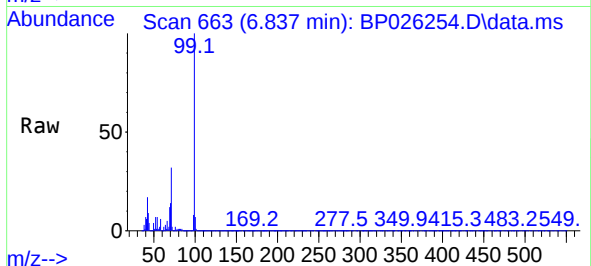


#7
Phenol-d6
Concen: 42.647 ng
RT: 6.837 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP026254.D
Acq: 08 Dec 2025 16:27

Instrument :
BNA_P
ClientSampleId :
IDW-RAD-20251203

Tgt Ion: 99 Resp: 664086

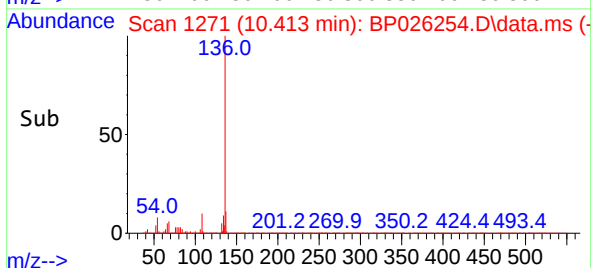
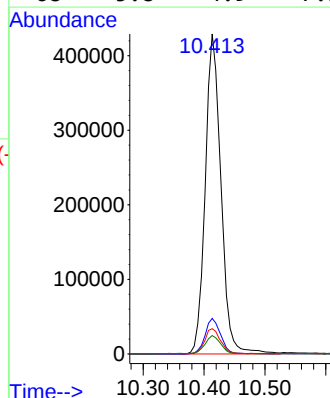
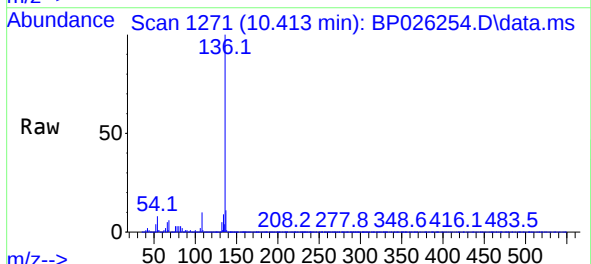
Ion	Ratio	Lower	Upper
99	100		
42	16.5	12.9	19.3
71	32.4	24.8	37.2

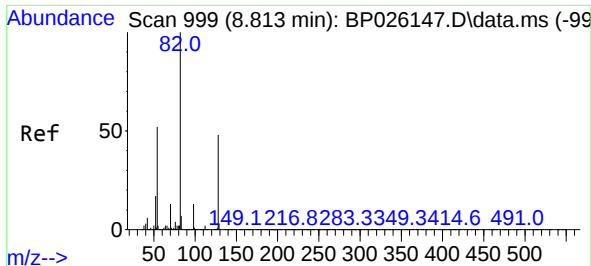


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP026254.D
Acq: 08 Dec 2025 16:27

Tgt Ion: 136 Resp: 770851

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.9	6.4	9.6
68	5.8	4.9	7.3

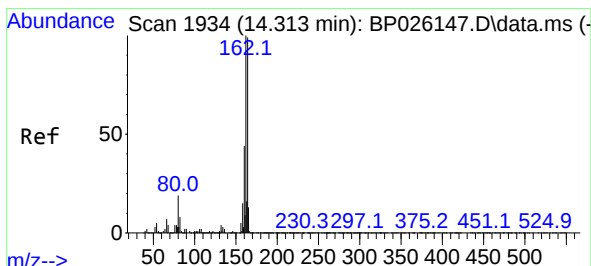
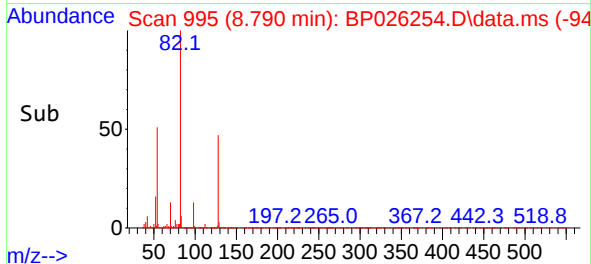
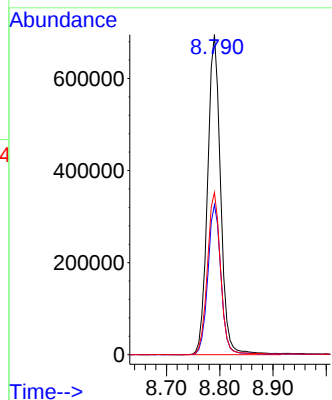
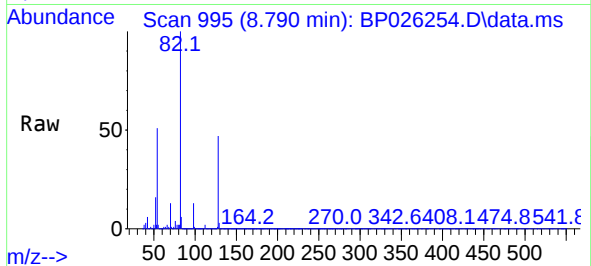




#23
Nitrobenzene-d5
Concen: 87.296 ng
RT: 8.790 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP026254.D
Acq: 08 Dec 2025 16:27

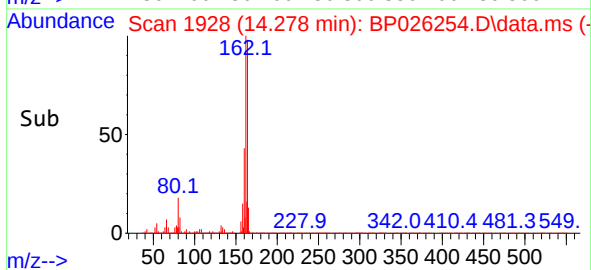
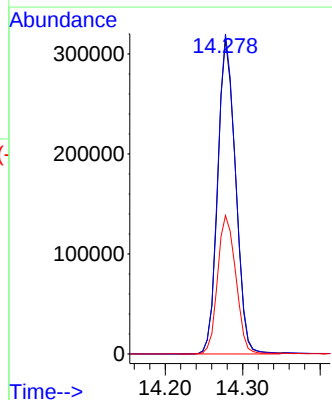
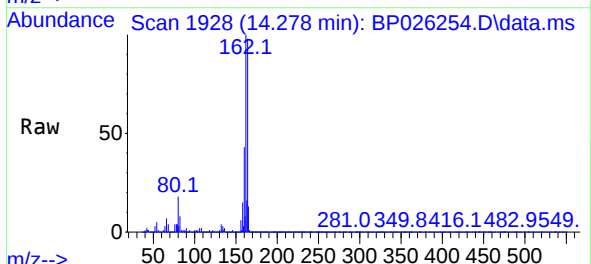
Instrument :
BNA_P
ClientSampleId :
IDW-RAD-20251203

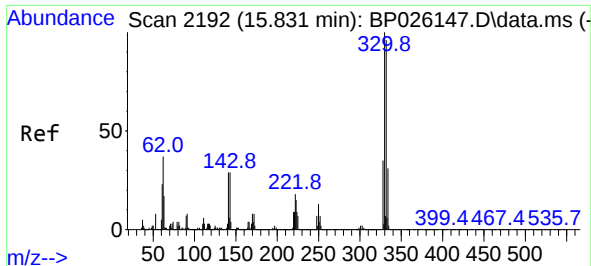
Tgt Ion: 82 Resp: 1182211
Ion Ratio Lower Upper
82 100
128 46.9 37.4 56.0
54 50.7 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.278 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP026254.D
Acq: 08 Dec 2025 16:27

Tgt Ion: 164 Resp: 502453
Ion Ratio Lower Upper
164 100
162 101.8 80.3 120.5
160 44.0 35.2 52.8



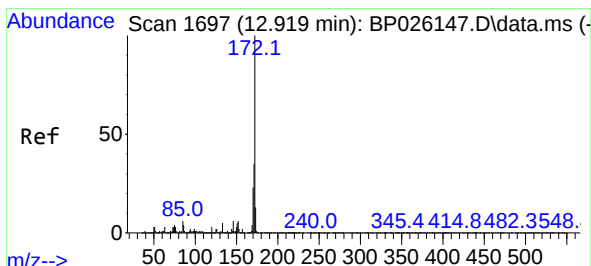
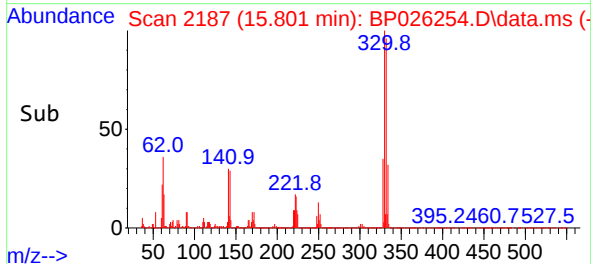
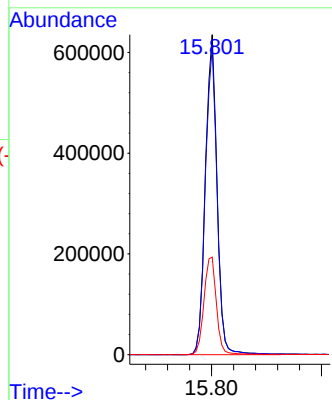
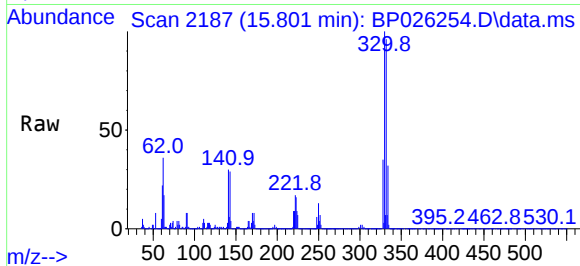


#42
2,4,6-Tribromophenol
Concen: 143.380 ng
RT: 15.801 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026254.D
Acq: 08 Dec 2025 16:27

Instrument :
BNA_P
ClientSampleId :
IDW-RAD-20251203

Tgt Ion: 330 Resp: 936879

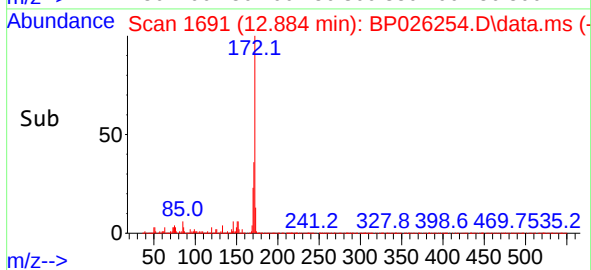
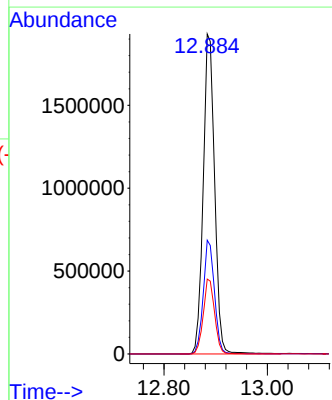
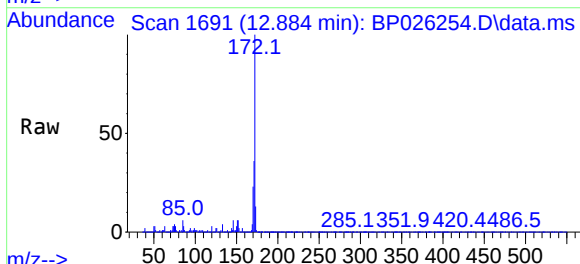
Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	32.4	26.8	40.2

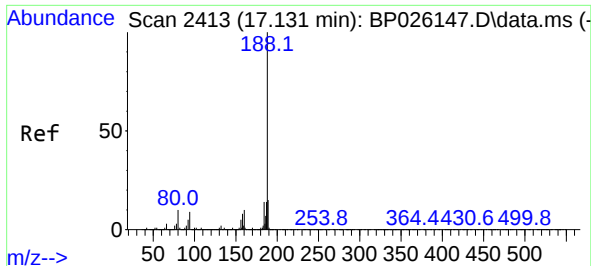


#45
2-Fluorobiphenyl
Concen: 85.703 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BP026254.D
Acq: 08 Dec 2025 16:27

Tgt Ion: 172 Resp: 2961854

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.4	18.7	28.1

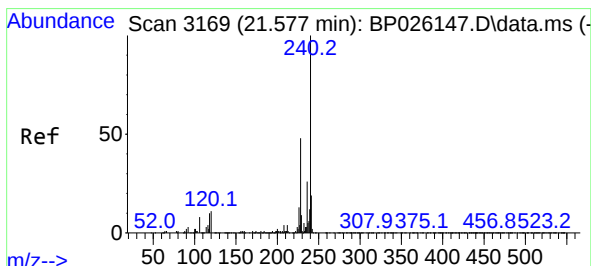
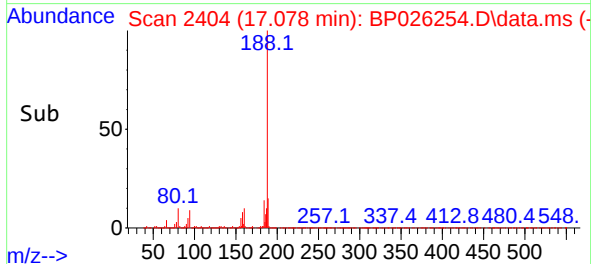
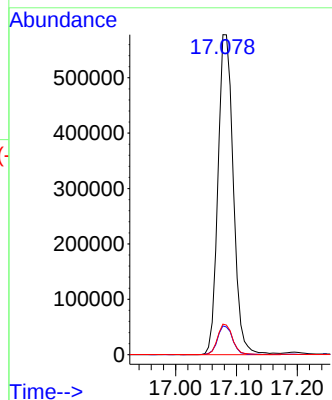
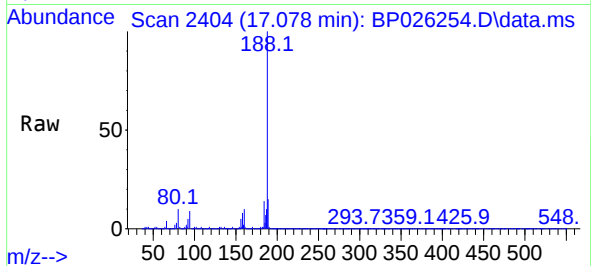




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.078 min Scan# 2413
Delta R.T. -0.018 min
Lab File: BP026254.D
Acq: 08 Dec 2025 16:27

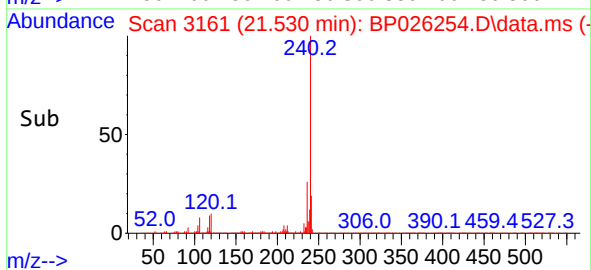
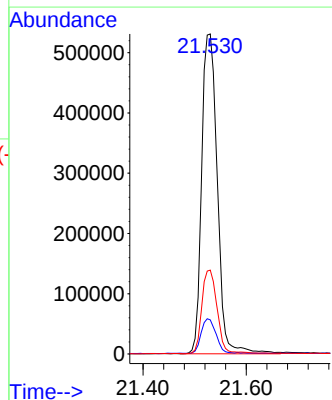
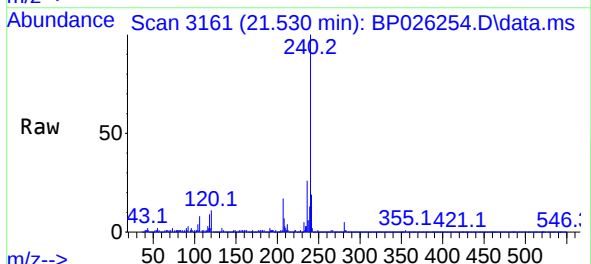
Instrument :
BNA_P
ClientSampleId :
IDW-RAD-20251203

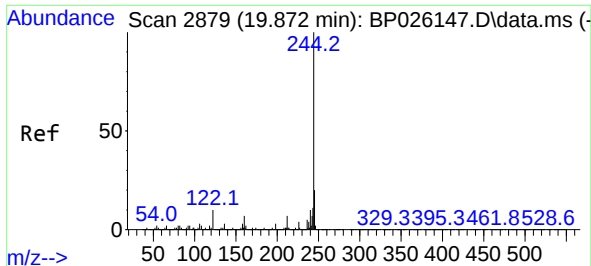
Tgt Ion:188 Resp: 1010064
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.6
80 9.6 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP026254.D
Acq: 08 Dec 2025 16:27

Tgt Ion:240 Resp: 1114890
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.4
236 26.2 20.4 30.6

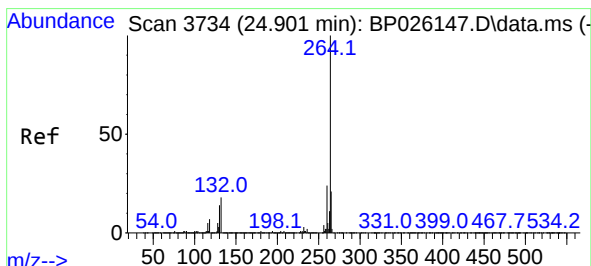
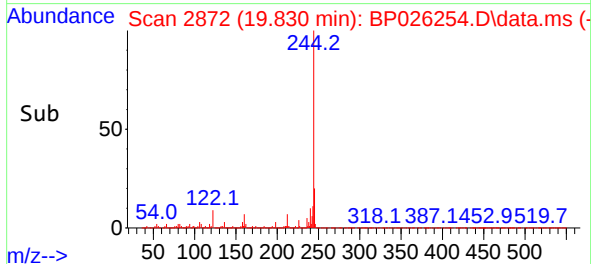
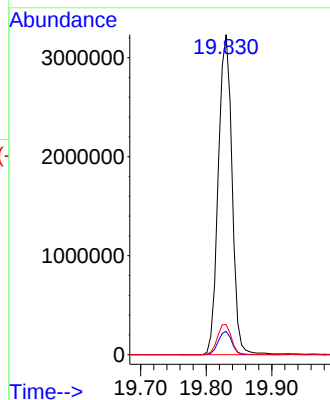
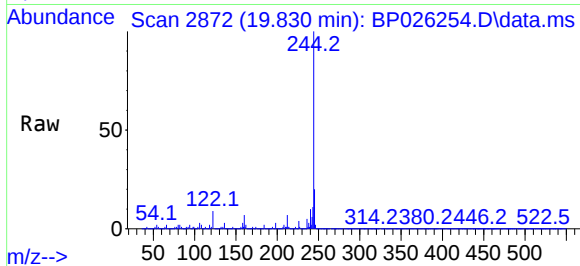




#79
 Terphenyl-d14
 Concen: 85.717 ng
 RT: 19.830 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP026254.D
 Acq: 08 Dec 2025 16:27

Instrument :
 BNA_P
 ClientSampleId :
 IDW-RAD-20251203

Tgt Ion:244 Resp: 4675549
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.4 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.812 min Scan# 3719
 Delta R.T. -0.012 min
 Lab File: BP026254.D
 Acq: 08 Dec 2025 16:27

Tgt Ion:264 Resp: 1317701
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 22.2 17.5 26.3

