

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026087.D
 Acq On : 06 Nov 2025 21:52
 Operator : RC/JU
 Sample : Q3552-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-8

Quant Time: Nov 07 01:03:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

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

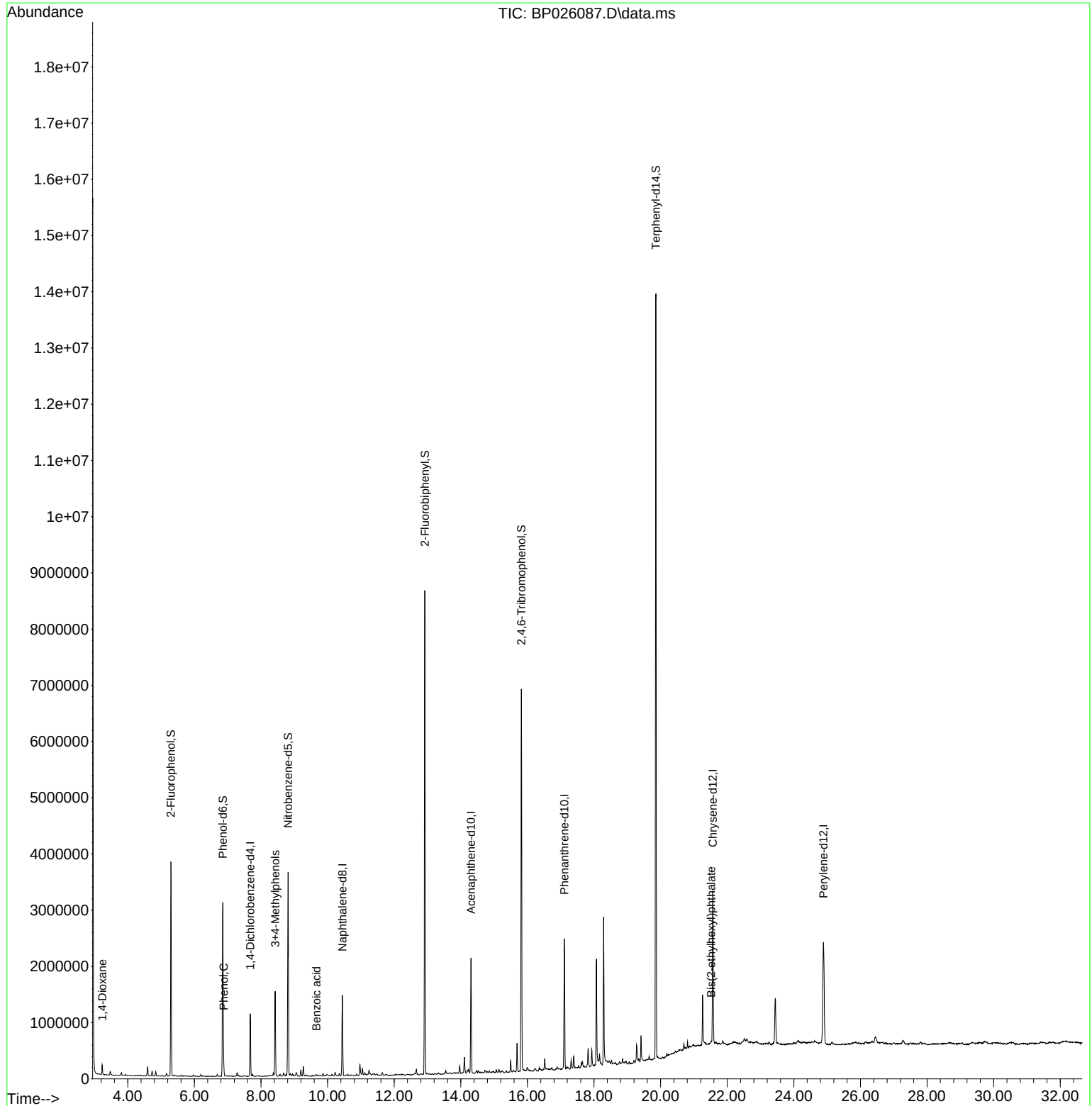
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	313208	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1217177	20.000	ng	-0.01
39) Acenaphthene-d10	14.307	164	747328	20.000	ng	-0.01
64) Phenanthrene-d10	17.107	188	1494853	20.000	ng	-0.02
76) Chrysene-d12	21.566	240	1682256	20.000	ng	0.00
86) Perylene-d12	24.889	264	2021321	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1719253	90.577	ng	0.00
7) Phenol-d6	6.855	99	1796985	74.381	ng	0.00
23) Nitrobenzene-d5	8.813	82	2001097	102.490	ng	-0.01
42) 2,4,6-Tribromophenol	15.819	330	1412192	174.790	ng	-0.01
45) 2-Fluorobiphenyl	12.919	172	4571378	87.896	ng	-0.01
79) Terphenyl-d14	19.860	244	7364724	88.945	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.231	88	84730	10.589	ng	# 84
10) Phenol	6.878	94	139553	5.203	ng	99
20) 3+4-Methylphenols	8.425	107	690748	28.271	ng	90
32) Benzoic acid	9.666	122	7661	4.047	ng	93
84) Bis(2-ethylhexyl)phtha...	21.518	149	14632	2.801	ng	# 91

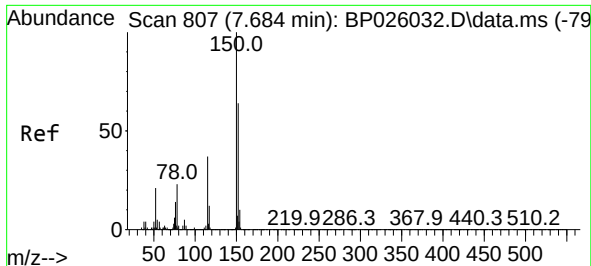
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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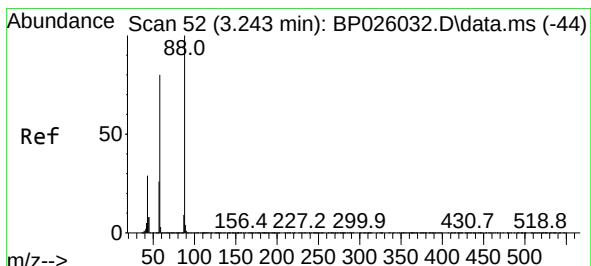
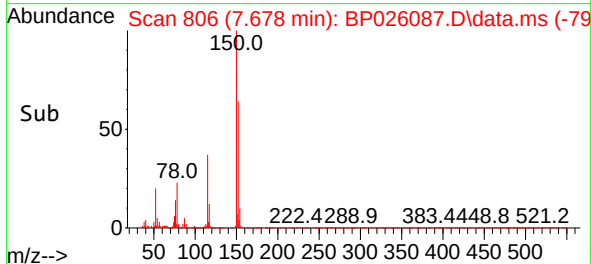
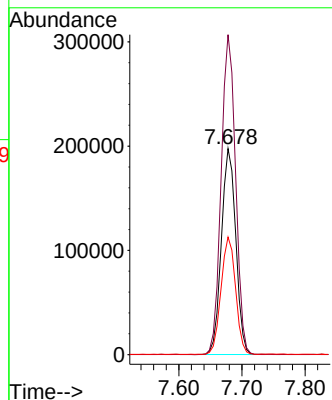
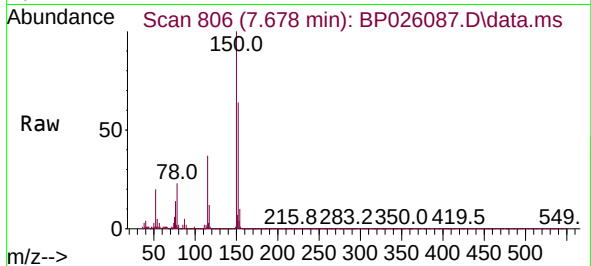




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.678 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP026087.D
 Acq: 06 Nov 2025 21:52

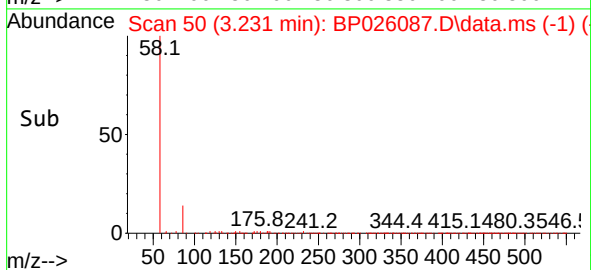
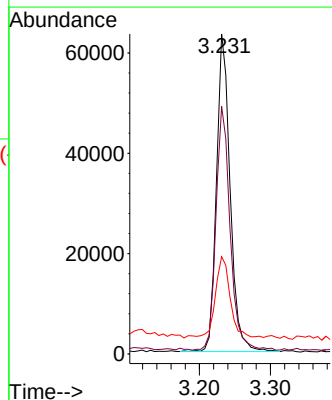
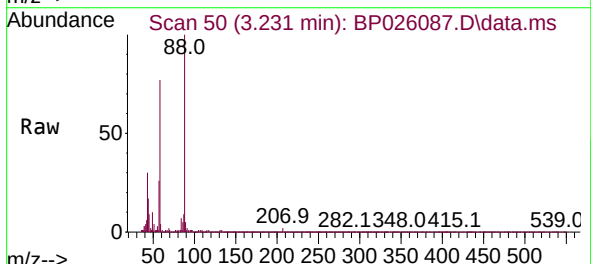
Instrument :
 BNA_P
 ClientSampleId :
 MW-8

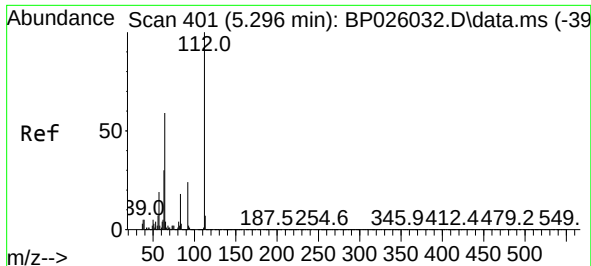
Tgt Ion:152 Resp: 313208
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.7 188.5
 115 57.1 46.4 69.6



#2
 1,4-Dioxane
 Concen: 10.589 ng
 RT: 3.231 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: BP026087.D
 Acq: 06 Nov 2025 21:52

Tgt Ion: 88 Resp: 84730
 Ion Ratio Lower Upper
 88 100
 58 79.5 65.4 98.0
 43 0.0 23.1 34.7#

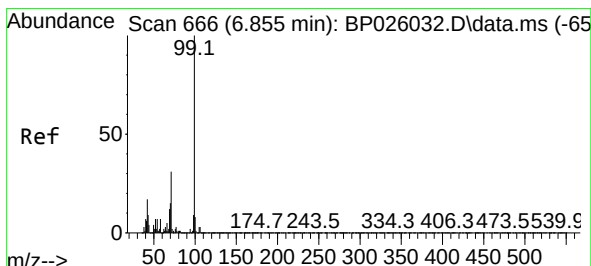
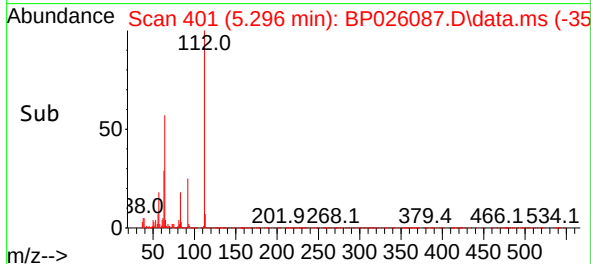
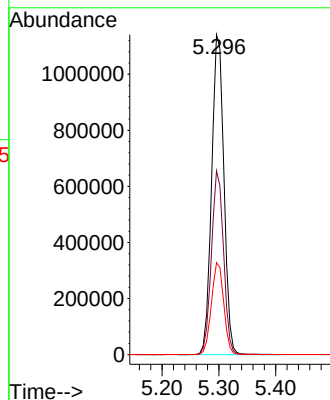
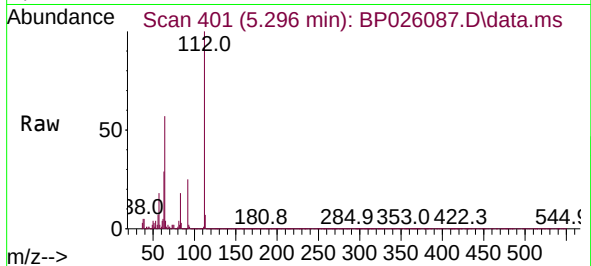




#5
2-Fluorophenol
Concen: 90.577 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

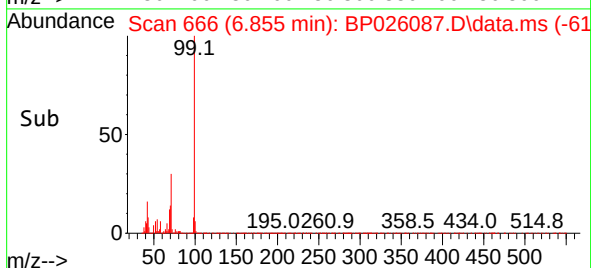
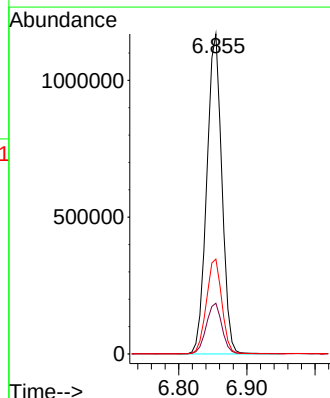
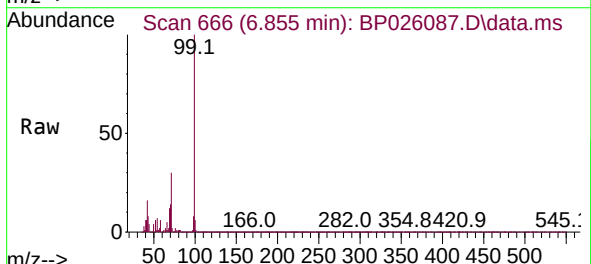
Instrument :
BNA_P
ClientSampleId :
MW-8

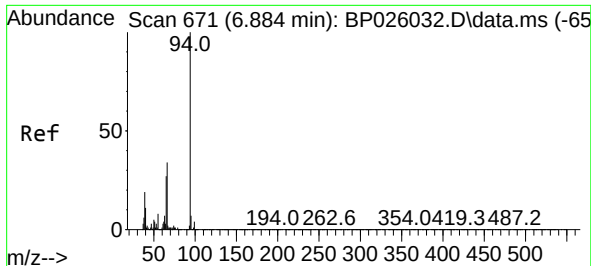
Tgt Ion:112 Resp: 1719253
Ion Ratio Lower Upper
112 100
64 57.4 47.4 71.2
63 28.7 24.2 36.4



#7
Phenol-d6
Concen: 74.381 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion: 99 Resp: 1796985
Ion Ratio Lower Upper
99 100
42 15.8 13.7 20.5
71 29.6 24.4 36.6

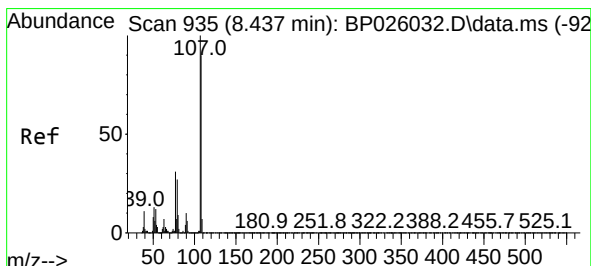
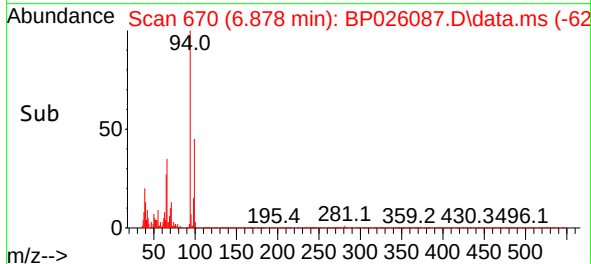
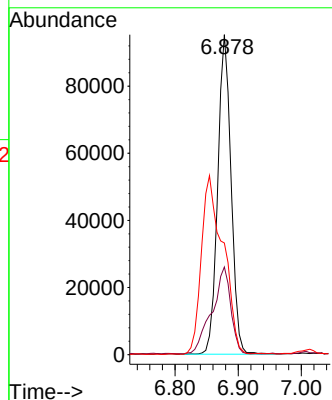
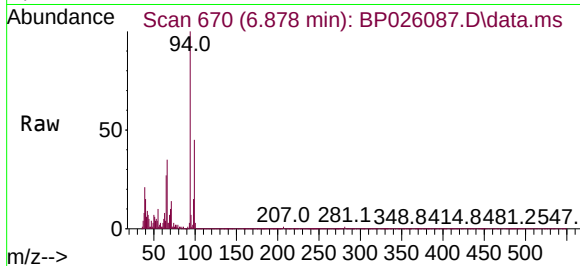




#10
Phenol
Concen: 5.203 ng
RT: 6.878 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

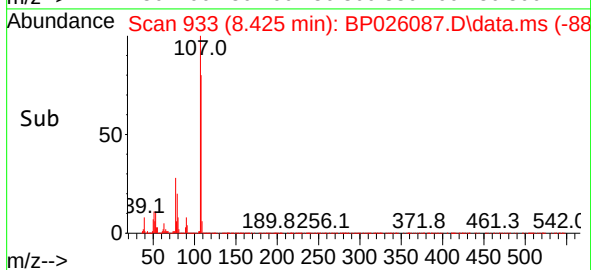
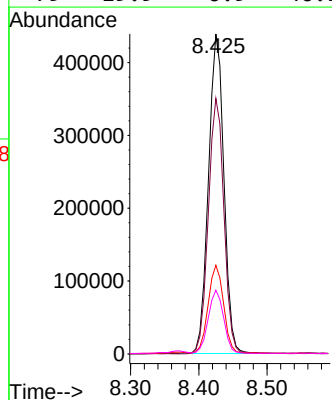
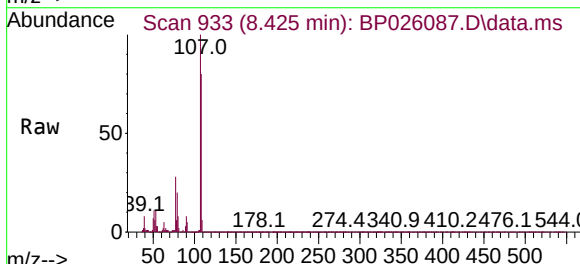
Instrument :
BNA_P
ClientSampleId :
MW-8

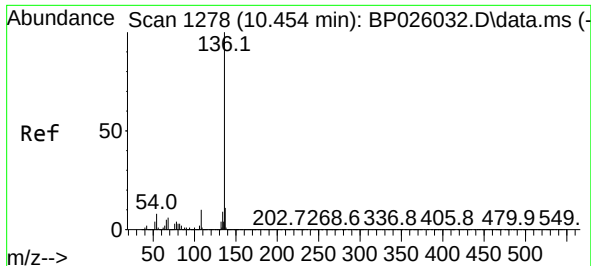
Tgt Ion: 94 Resp: 139553
Ion Ratio Lower Upper
94 100
65 27.4 7.1 47.1
66 34.9 14.4 54.4



#20
3+4-Methylphenols
Concen: 28.271 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.018 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion:107 Resp: 690748
Ion Ratio Lower Upper
107 100
108 79.8 70.1 110.1
77 27.7 10.7 50.7
79 19.9 6.9 46.9



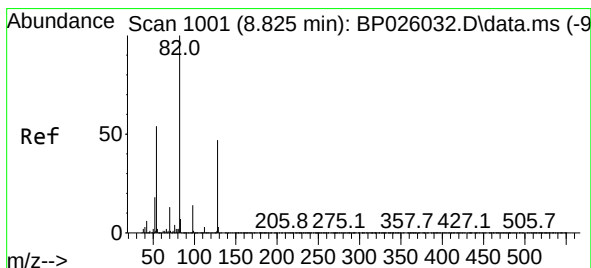
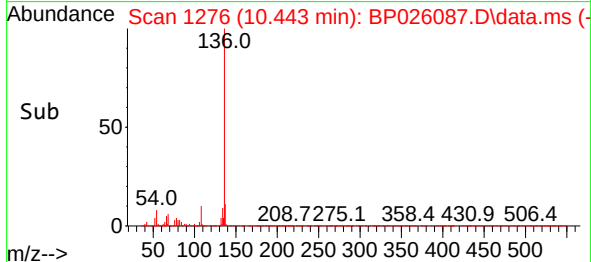
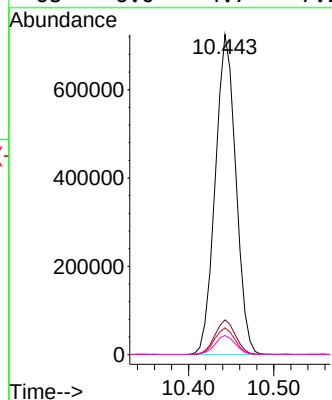
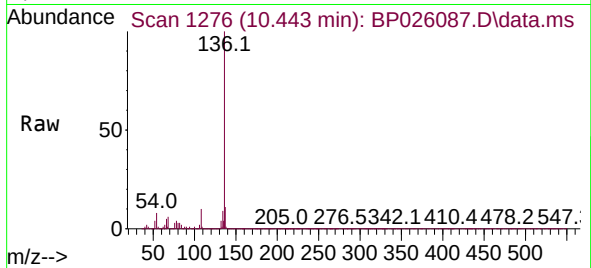


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Instrument :
BNA_P
ClientSampleId :
MW-8

Tgt Ion:136 Resp: 1217177

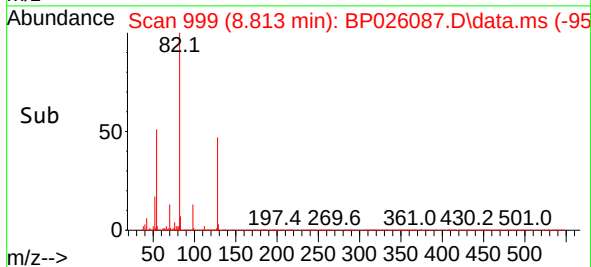
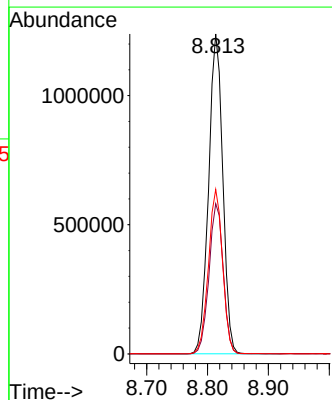
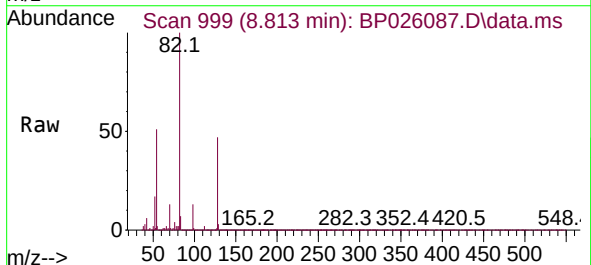
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.4	6.6	10.0
68	6.0	4.7	7.1

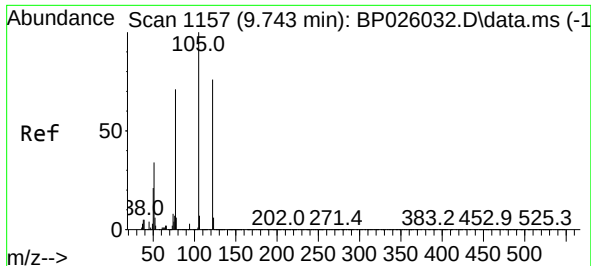


#23
Nitrobenzene-d5
Concen: 102.490 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion: 82 Resp: 2001097

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.4	56.0
54	51.4	42.7	64.1

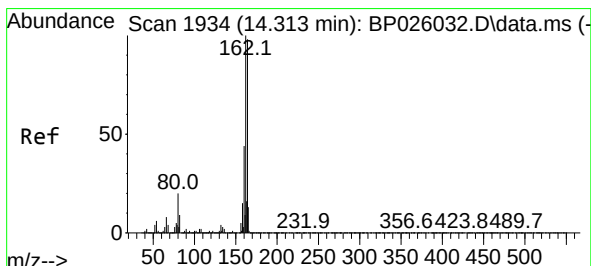
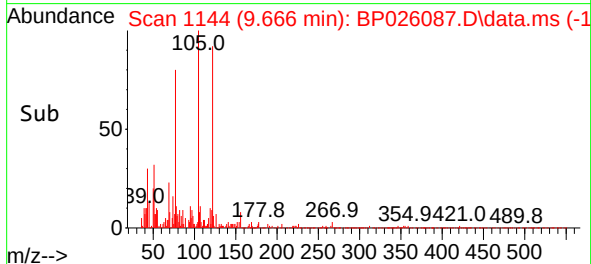
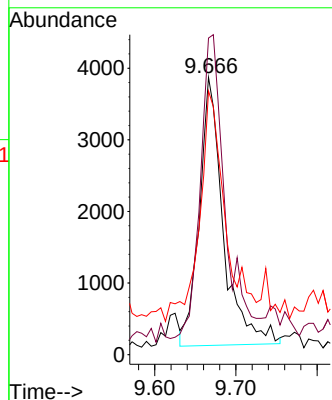
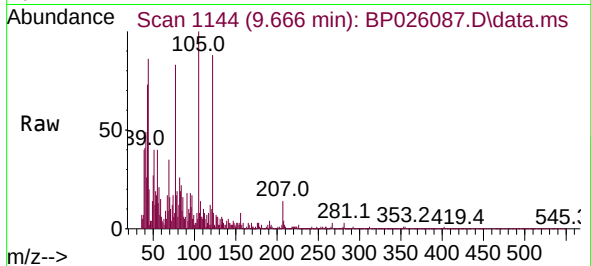




#32
Benzoic acid
Concen: 4.047 ng
RT: 9.666 min Scan# 1157
Delta R.T. -0.112 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

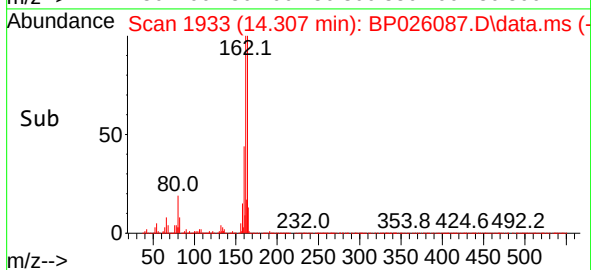
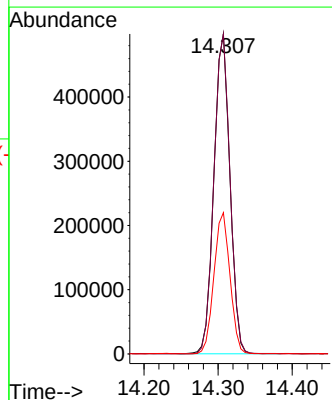
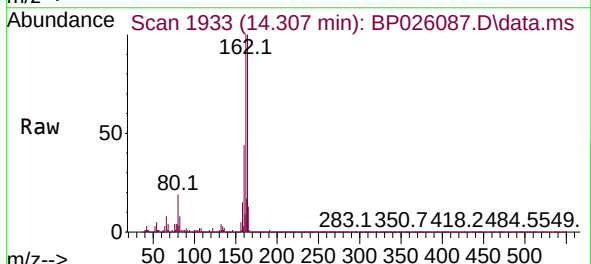
Instrument :
BNA_P
ClientSampleId :
MW-8

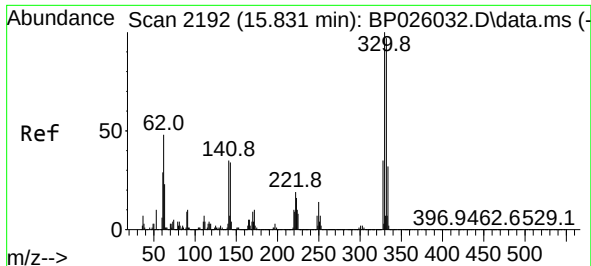
Tgt Ion:	122	Resp:	7661
Ion	Ratio	Lower	Upper
122	100		
105	114.2	104.8	144.8
77	95.1	70.9	110.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion:	164	Resp:	747328
Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.5	122.3
160	44.2	36.2	54.4

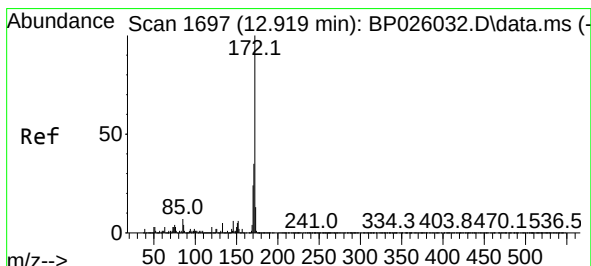
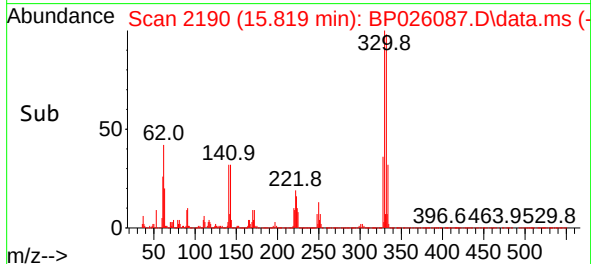
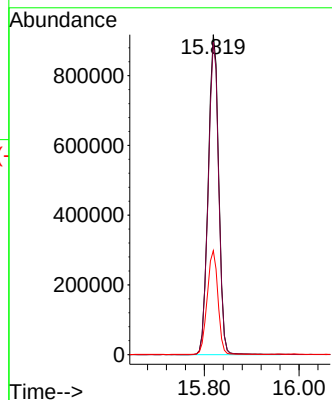
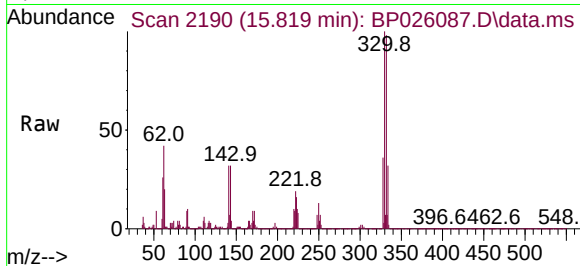




#42
2,4,6-Tribromophenol
Concen: 174.790 ng
RT: 15.819 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

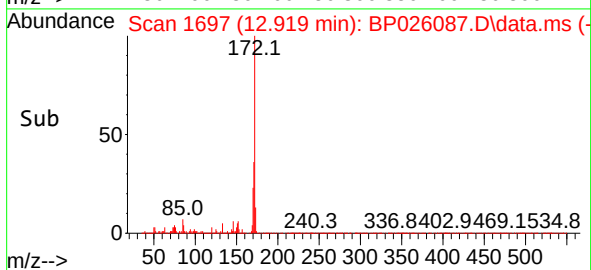
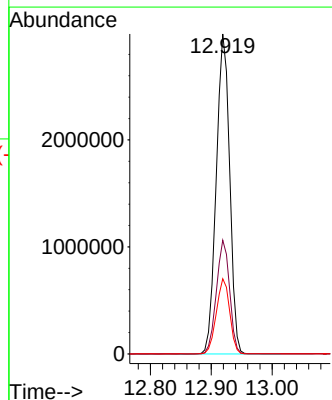
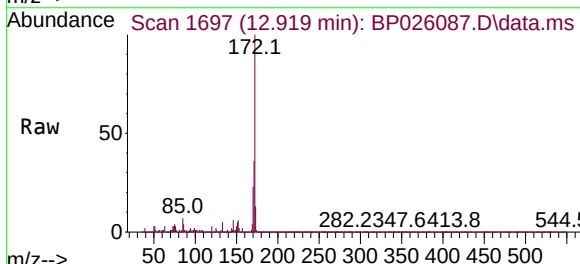
Instrument :
BNA_P
ClientSampleId :
MW-8

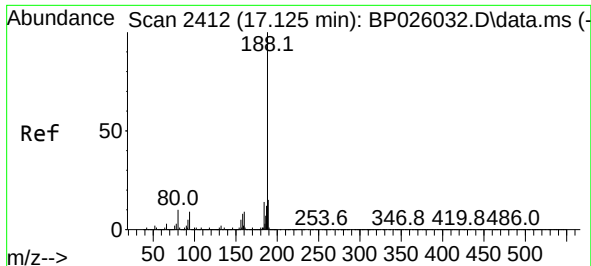
Tgt Ion:330 Resp: 1412192
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 33.0 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 87.896 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion:172 Resp: 4571378
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.5 19.0 28.4

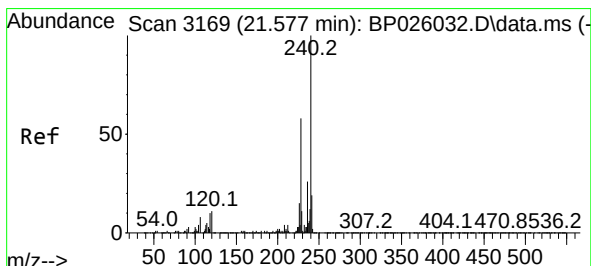
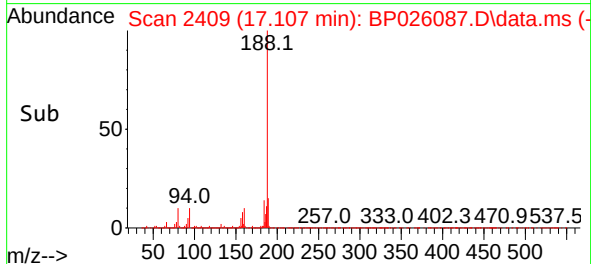
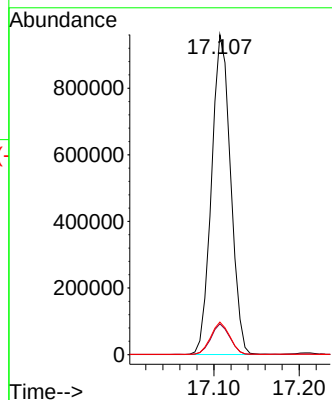
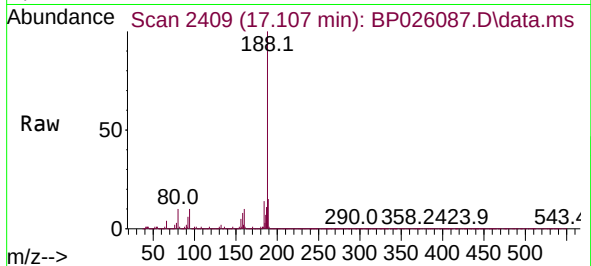




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.107 min Scan# 2412
Delta R.T. -0.017 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

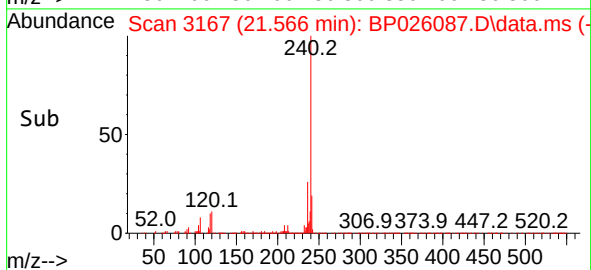
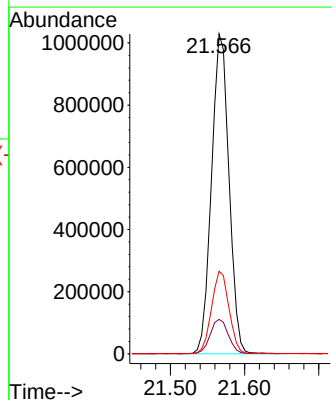
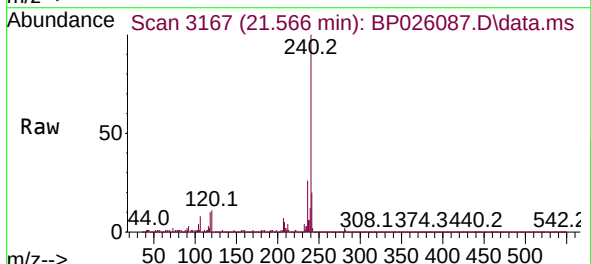
Instrument :
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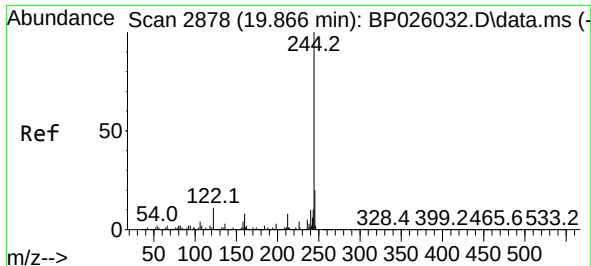
Tgt Ion:188 Resp: 1494853
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BP026087.D
Acq: 06 Nov 2025 21:52

Tgt Ion:240 Resp: 1682256
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.9 20.6 31.0

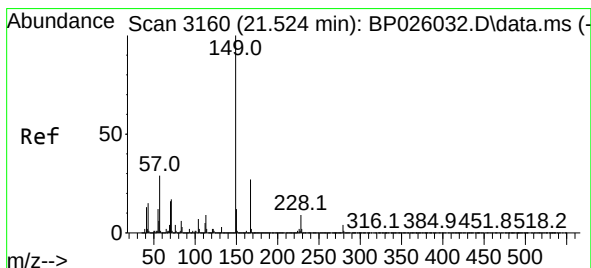
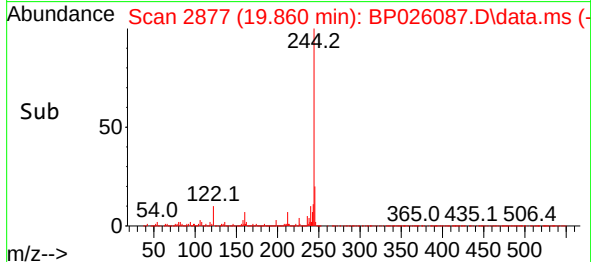
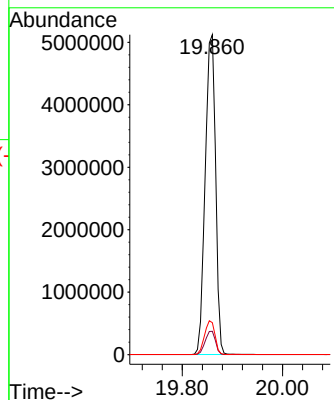
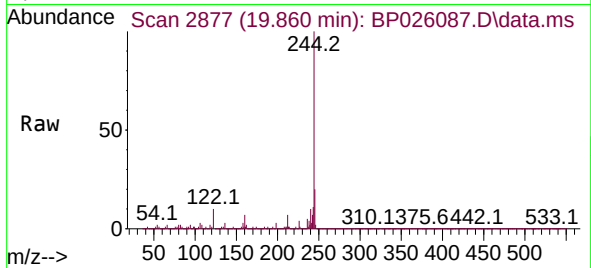




#79
 Terphenyl-d14
 Concen: 88.945 ng
 RT: 19.860 min Scan# 2878
 Delta R.T. -0.006 min
 Lab File: BP026087.D
 Acq: 06 Nov 2025 21:52

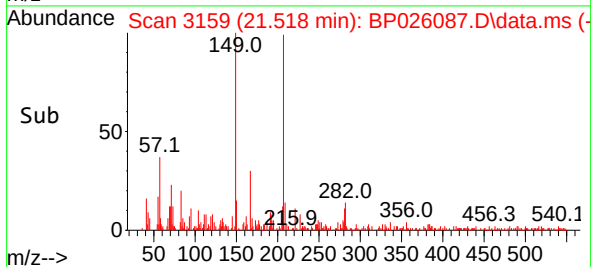
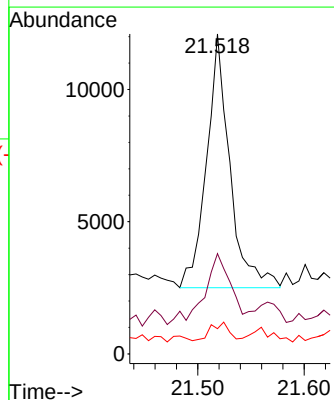
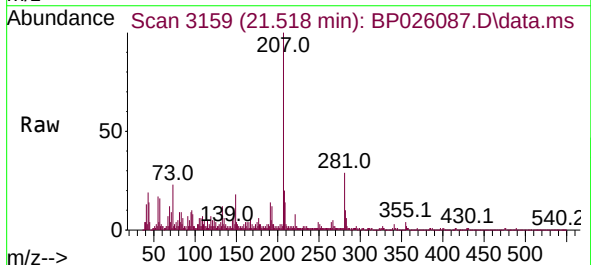
Instrument :
 BNA_P
 ClientSampleId :
 MW-8

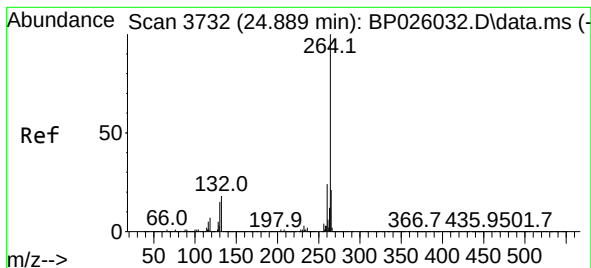
Tgt Ion:244 Resp: 7364724
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.0 9.0 13.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.801 ng
 RT: 21.518 min Scan# 3159
 Delta R.T. 0.000 min
 Lab File: BP026087.D
 Acq: 06 Nov 2025 21:52

Tgt Ion:149 Resp: 14632
 Ion Ratio Lower Upper
 149 100
 167 31.3 21.5 32.3
 279 7.9 3.0 4.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.889 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP026087.D

Acq: 06 Nov 2025 21:52

Instrument :

BNA_P

ClientSampleId :

MW-8

Tgt Ion:264 Resp: 2021321

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 22.1 17.2 25.8

