Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042225\
Data File : BM049991.D
Acq On : 22 Apr 2025 11:49
Operator : RC/JU
Sample : PB167645BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167645BL

Quant Time: Apr 22 12:33:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	242189	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	822082	20.000	ng	-0.02
39) Acenaphthene-d10	14.410	164	534014	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1074404	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1074883	20.000	ng	0.00
86) Perylene-d12	24.403	264	1168972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1823413	127.846	ng	0.00
7) Phenol-d6	6.946	99	2177190	122.691	ng	0.00
23) Nitrobenzene-d5	8.922	82	1320995	89.480	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	1038672	133.721	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	3455711	87.750	ng	-0.02
79) Terphenyl-d14	19.780	244	6078217	105.973	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	10.010	122	57	8.543	ng	# 7

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

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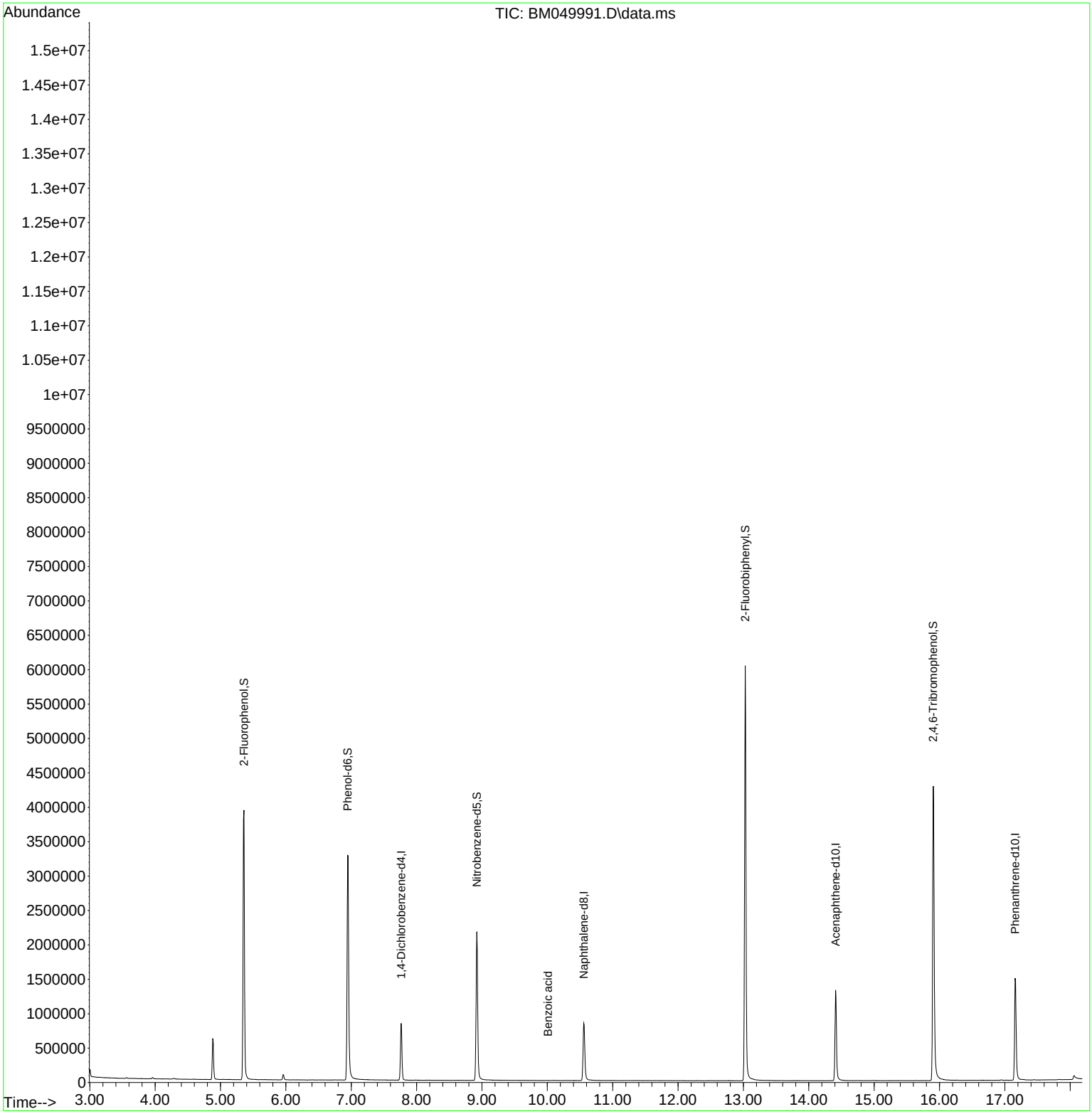

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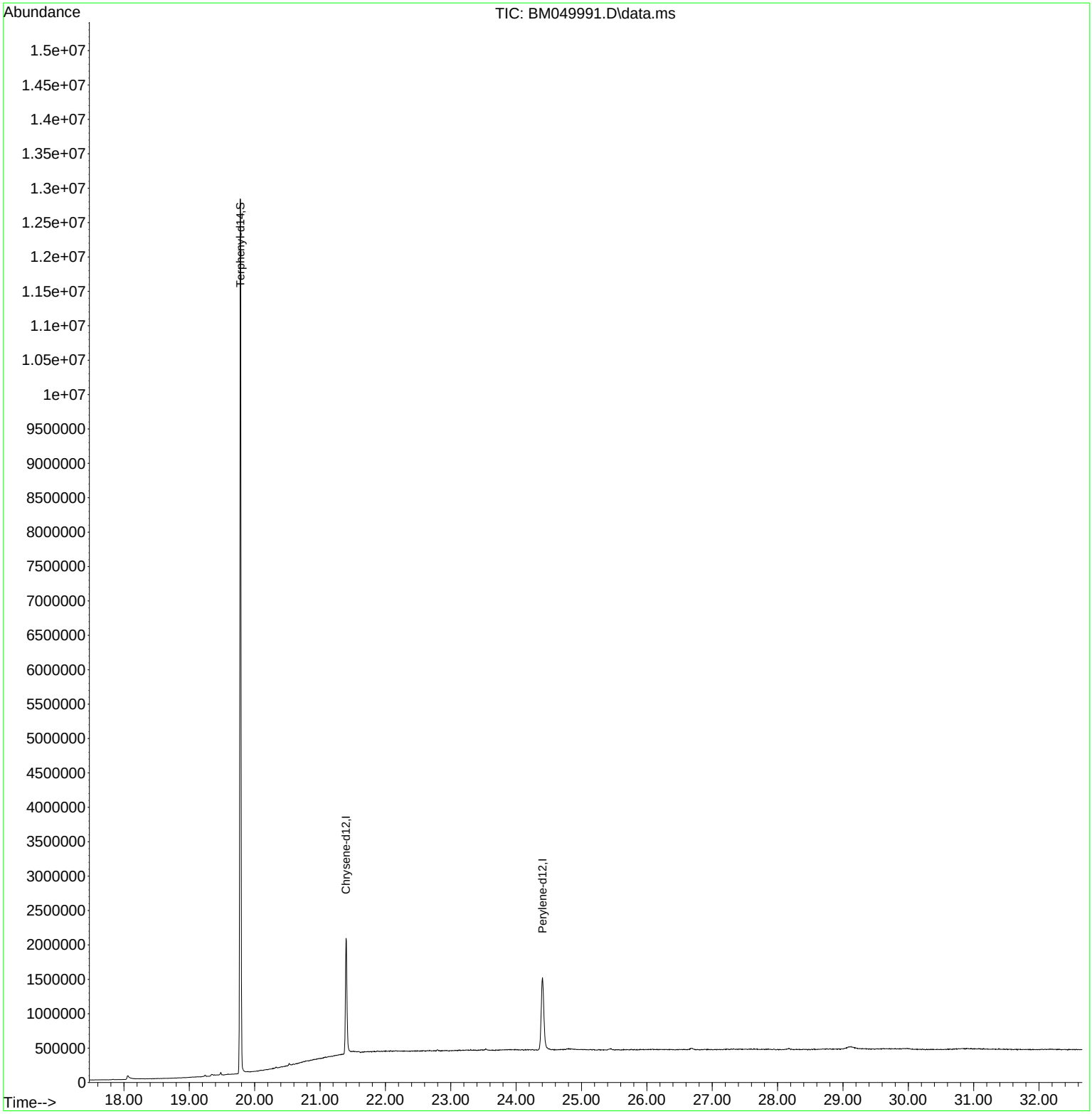
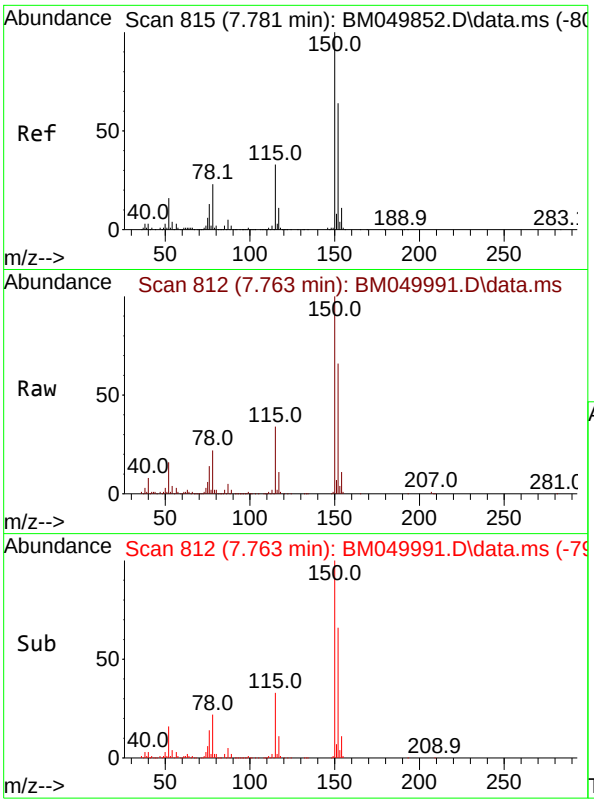


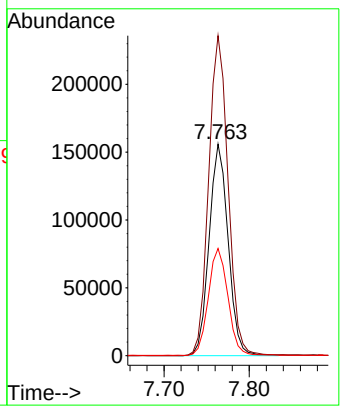


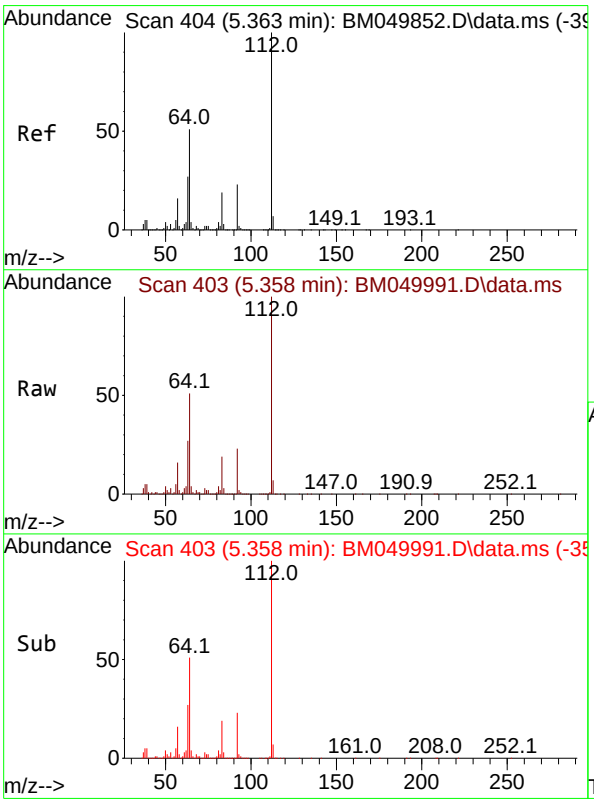
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM049991.D
Acq: 22 Apr 2025 11:49

Instrument :
BNA_M
ClientSampleId :
PB167645BL

Tgt Ion:152 Resp: 242189

Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.3	186.5
115	50.7	41.1	61.7

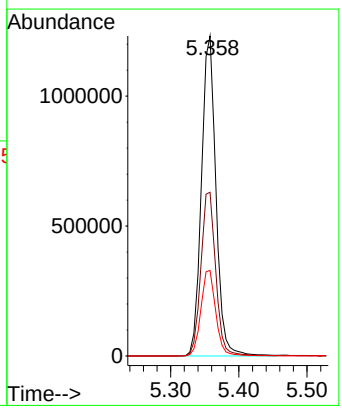


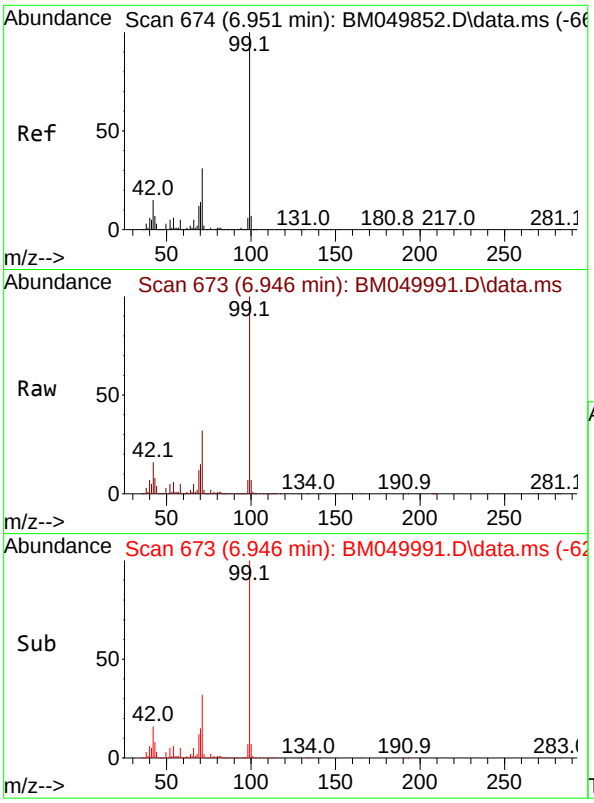


#5
2-Fluorophenol
Concen: 127.846 ng
RT: 5.358 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049991.D
Acq: 22 Apr 2025 11:49

Tgt Ion:112 Resp: 1823413

Ion	Ratio	Lower	Upper
112	100		
64	51.1	41.0	61.6
63	26.7	21.5	32.3



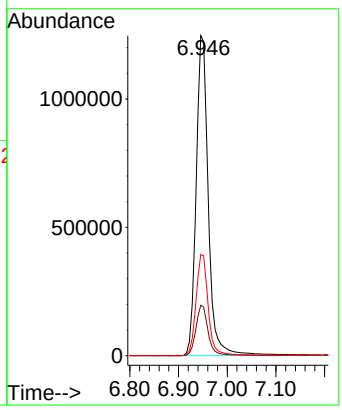


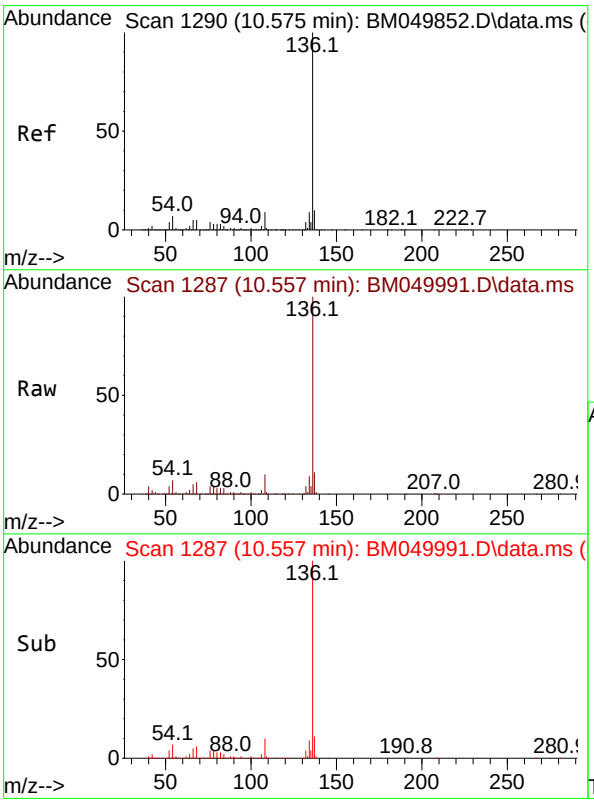
#7
Phenol-d6
Concen: 122.691 ng
RT: 6.946 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM049991.D
Acq: 22 Apr 2025 11:49

Instrument :
BNA_M
ClientSampleId :
PB167645BL

Tgt Ion: 99 Resp: 2177190

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.1	18.1
71	31.6	24.9	37.3

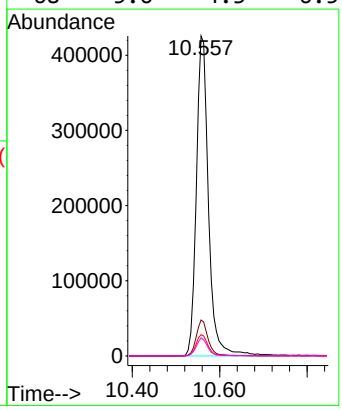


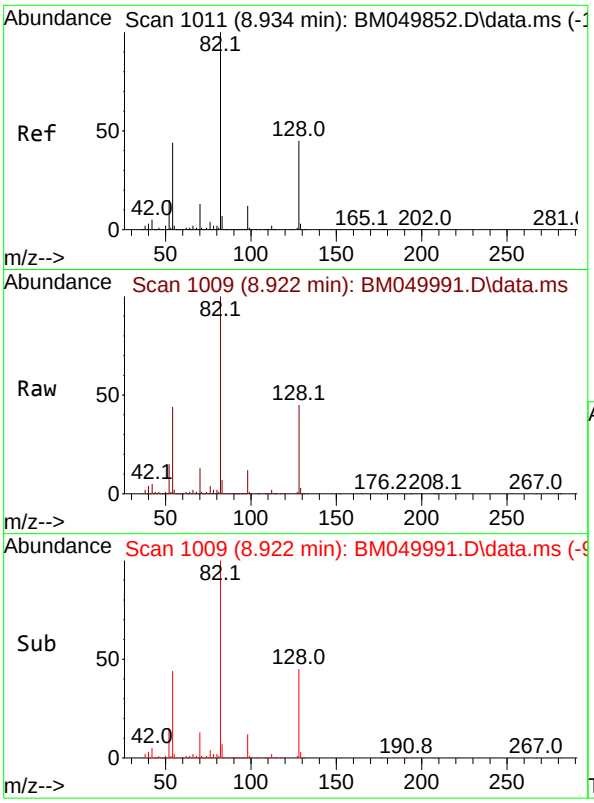


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.017 min
Lab File: BM049991.D
Acq: 22 Apr 2025 11:49

Tgt Ion:136 Resp: 822082

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	6.6	5.3	7.9
68	5.6	4.3	6.5



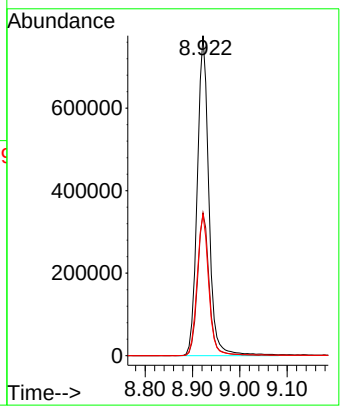


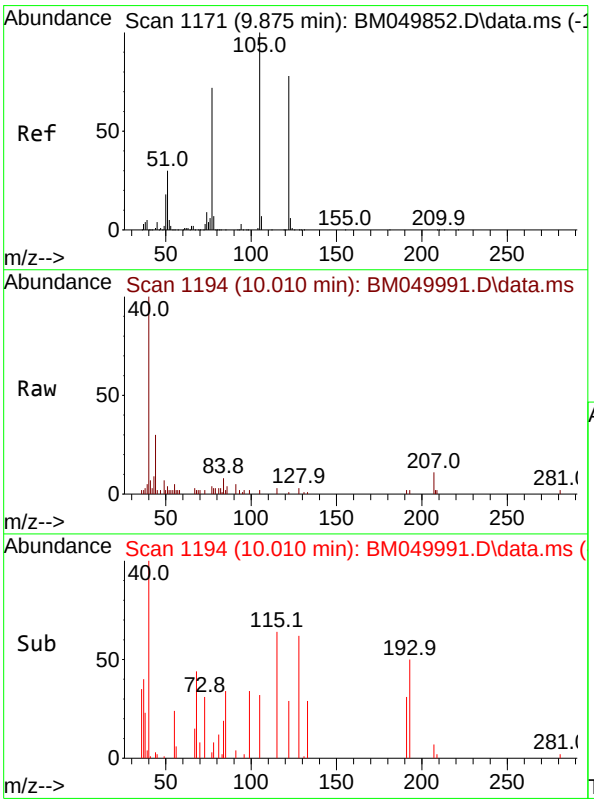
#23
Nitrobenzene-d5
Concen: 89.480 ng
RT: 8.922 min Scan# 1(
Delta R.T. -0.011 min
Lab File: BM049991.D
Acq: 22 Apr 2025 11:49

Instrument :
BNA_M
ClientSampleId :
PB167645BL

Tgt Ion: 82 Resp: 1320995

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.2	54.2
54	44.1	35.0	52.6

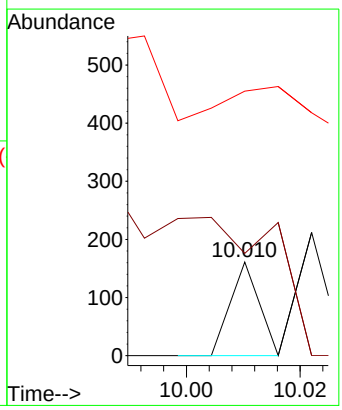


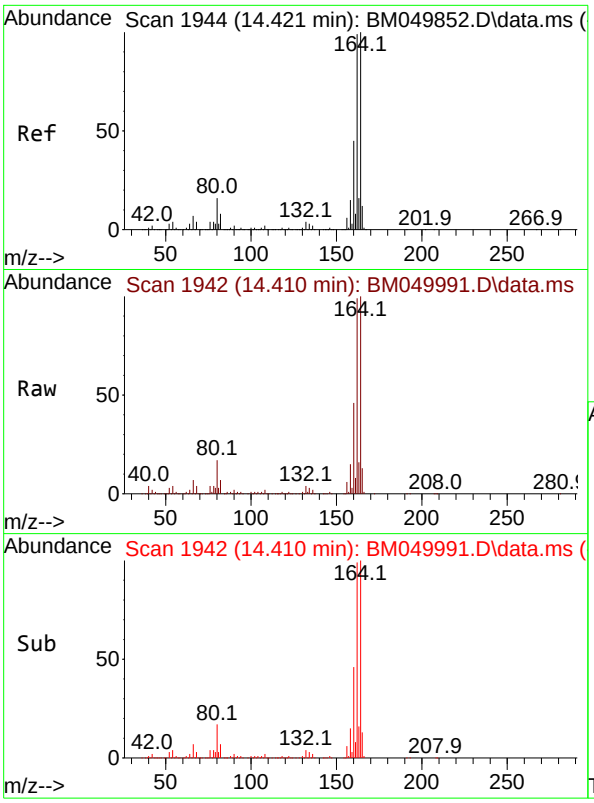


#32
Benzoic acid
Concen: 8.543 ng
RT: 10.010 min Scan# 1194
Delta R.T. 0.135 min
Lab File: BM049991.D
Acq: 22 Apr 2025 11:49

Tgt Ion:122 Resp: 57

Ion	Ratio	Lower	Upper
122	100		
105	109.3	103.8	143.8
77	282.6	70.7	110.7#



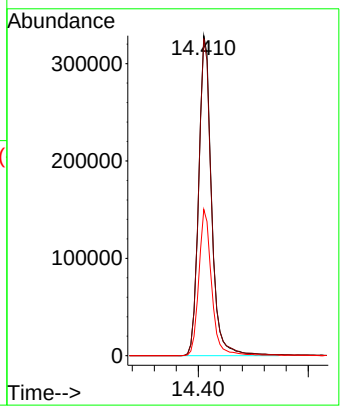


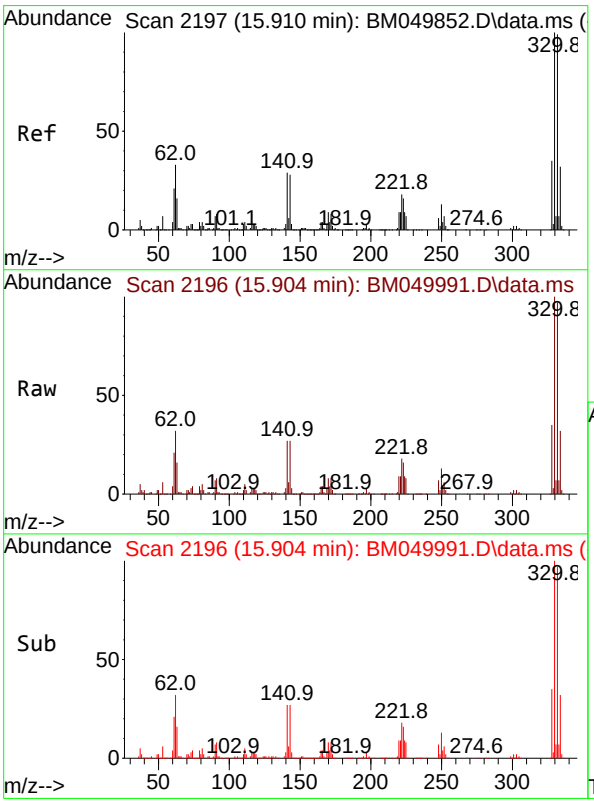
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM049991.D
Acq: 22 Apr 2025 11:49

Instrument :
BNA_M
ClientSampleId :
PB167645BL

Tgt Ion:164 Resp: 534014

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.4	119.0
160	45.7	36.2	54.2

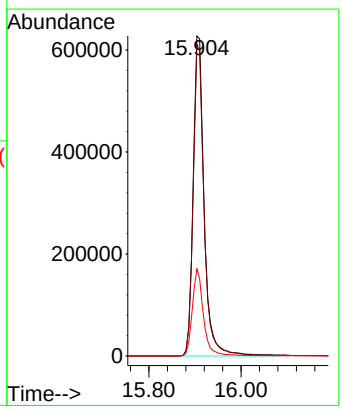


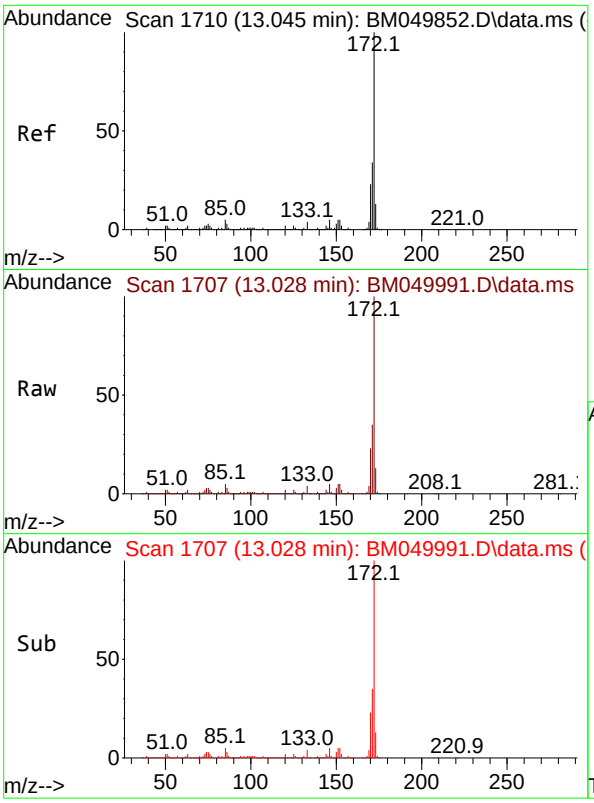


#42
2,4,6-Tribromophenol
Concen: 133.721 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049991.D
Acq: 22 Apr 2025 11:49

Tgt Ion:330 Resp: 1038672

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.0	117.0
141	27.6	23.5	35.3



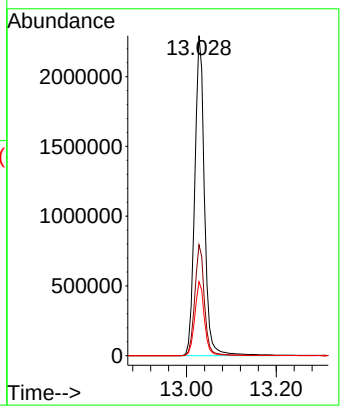


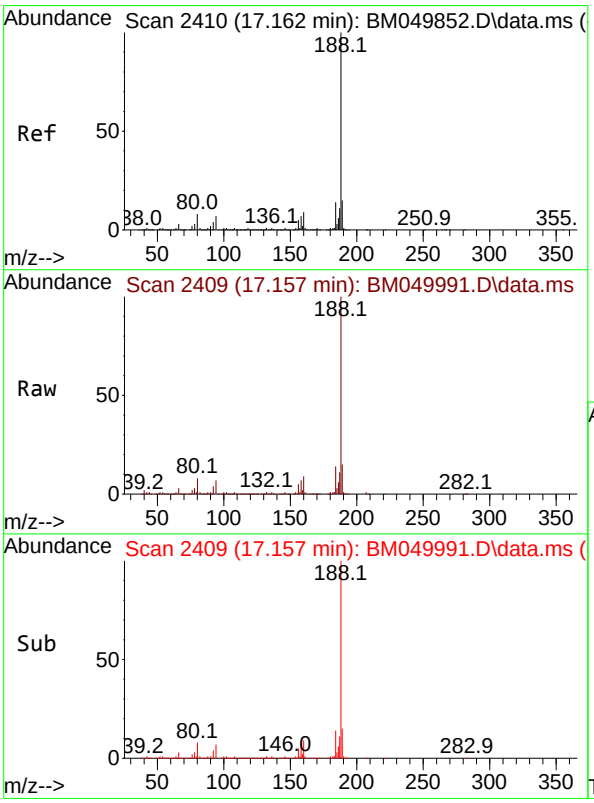
#45
2-Fluorobiphenyl
Concen: 87.750 ng
RT: 13.028 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM049991.D
Acq: 22 Apr 2025 11:49

Instrument :
BNA_M
ClientSampleId :
PB167645BL

Tgt Ion:172 Resp: 3455711

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.4	41.2
170	23.1	18.6	28.0

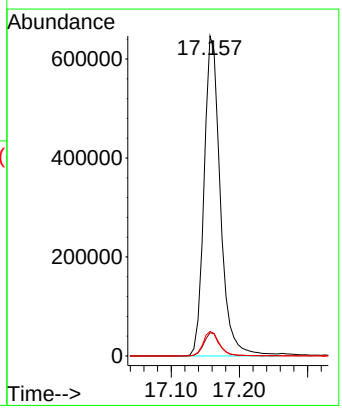


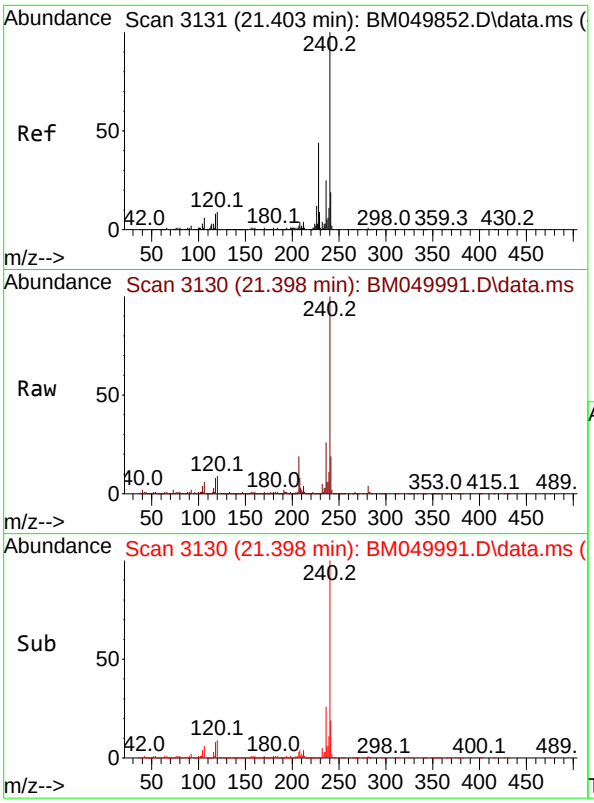


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM049991.D
Acq: 22 Apr 2025 11:49

Tgt Ion:188 Resp: 1074404

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.8	8.6
80	7.7	6.4	9.6



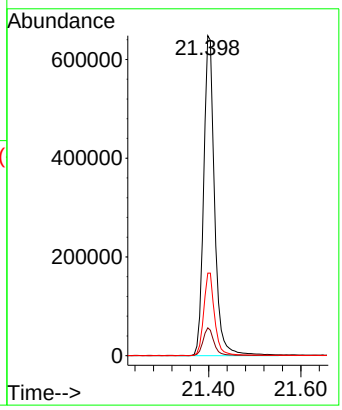


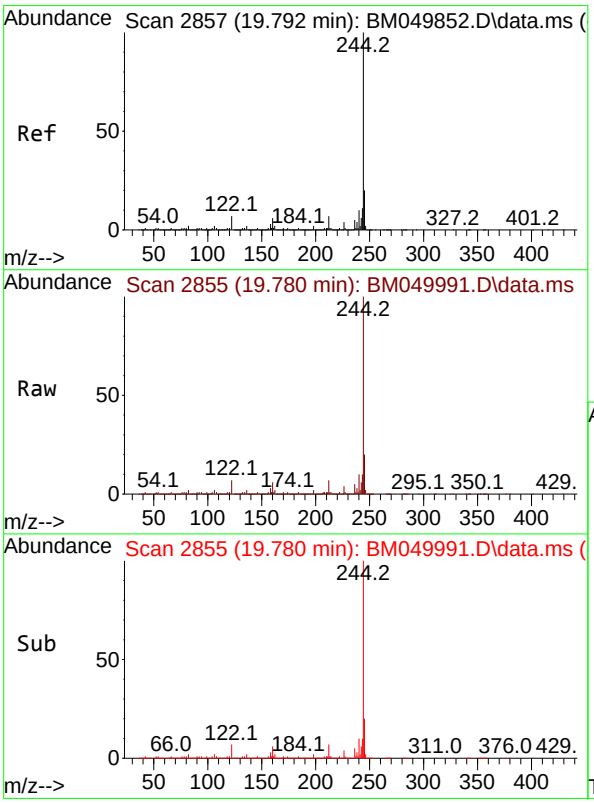
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM049991.D
Acq: 22 Apr 2025 11:49

Instrument :
BNA_M
ClientSampleId :
PB167645BL

Tgt Ion:240 Resp: 1074883

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.9	10.3
236	25.8	20.4	30.6

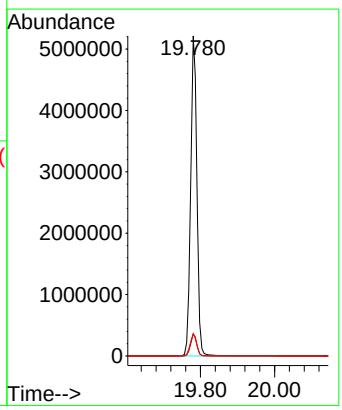


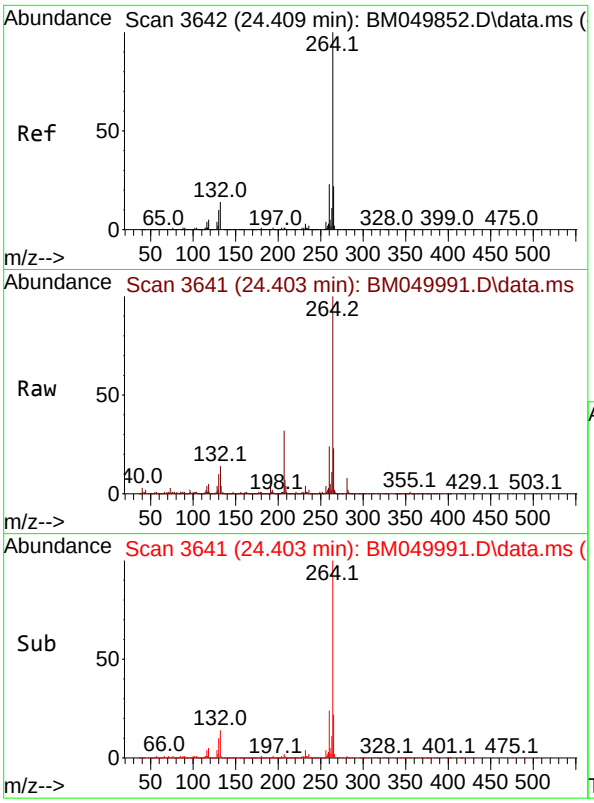


#79
Terphenyl-d14
Concen: 105.973 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.011 min
Lab File: BM049991.D
Acq: 22 Apr 2025 11:49

Tgt Ion:244 Resp: 6078217

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	7.0	5.4	8.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM049991.D
Acq: 22 Apr 2025 11:49

Instrument :
BNA_M
ClientSampleId :
PB167645BL

Tgt Ion:264 Resp: 1168972

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	28.0
265	22.7	17.8	26.8